Existing Dashboards

At Open EdTech, we are trying to design an effective digital solution for storing and verifying all of one's academic and work achievements. This is called a Learner Dashboard. An ideal learner dashboard includes a few things:

- A "learner wallet" which is a secure space to store machine-readable credentials earned
 from learning experiences such as badges or certificates. These credentials should be
 stored in a trustworthy way to ensure that they are clearly and unambiguously linked to
 the reputation of the issuer. By storing credentials in this wallet, individuals can reliably
 indicate what they already know and their existing skills, and can use this information to
 prove their qualifications when applying for jobs or sharing their achievements with
 others.
- A personal AI tool, or assistant, that helps individuals navigate their educational opportunities and actively learn the skills they need to achieve their goals. The tool connects users with institutions, micro-credential providers, and relevant open educational resources (OER) that are transformed into a customised feed designed to fit into their daily lives via personal devices and wearables. The tool can learn how to fit these learning opportunities into users' lives and deliver them in a way that makes sense for their availability and preferences, such as through audio, robotics, or augmented reality (AR) glasses. For example, if someone is learning to be an engineer, the tool can superimpose engineering information onto the real world around them, providing a more immersive and engaging learning experience.
- The third key part is that your smart dashboard could interface with classrooms and organisations to share data both ways according to your policies. For example it can enrol you into a group automatically, or it could help you find a job that suits your skills and ambitions. Automation (or semi-automation) of recruitment (somewhat similar to what you can see today on fiverr.com and platforms like that) could vastly simplify opportunities in the future world of work.

This document discusses the strengths and weaknesses of several existing learner dashboards. We can use these to inspire our own one when we build it.

LinkedIn

<u>LinkedIn</u> is a business and employment-focused social media platform that works through websites and mobile apps. It launched on May 5, 2003. It is now owned by Microsoft. (wikipedia)

Key Features

- Social has a feed so you can connect and network with peers as well as lots of features deigned to connect you (for example, will highlight what you have in common with others)
- Tracking can see who viewed your page
- Private page Can list your Education, Experience, Certifications etc.
- Some low level of checks people can vouch for your listed skill areas, and others can see who did to check relevancy. There are also some quizzes you can take to get a tick next to your software competencies.
- Potential employers can search through it and contact you through it
- LinkedIn Learning Paid access (offered through Universities often), short courses and videos

Pros and Cons

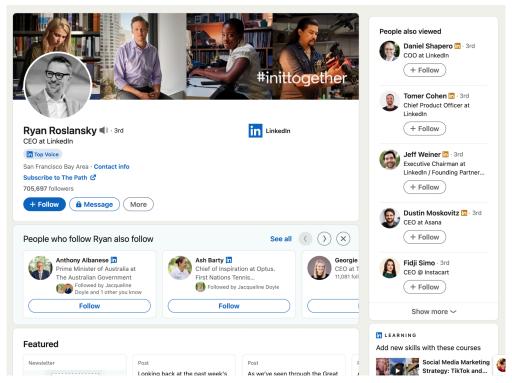
Pros

- There is a free level of access
- Designed well for networking
- Can give recommendations and endorsements. Recommendations do share a little
 about their relevance, disclosing the nature of the working relationship the two parties
 had.
- Private Page layout is easily understood, reads like a resume
- Able to get certifications for software competencies
- Huge user base, can find pretty much anyone on there
- Able to search for jobs with a low level of AI recommending potentially relevant positions
- Can mark yourself as searchable to potential employers
- App and desktop version both fairly easy to navigate

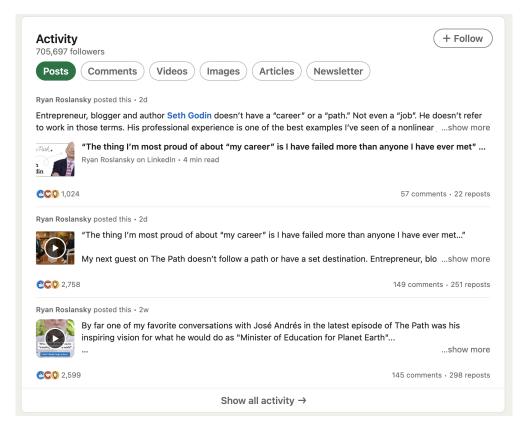
Cons

- Many useful features locked behind paywalls (eg. Learning)
- Feed overly saturated with business and personal advertisement
- Endorsements are not ranked and can be given by anyone have to do own research to interrogate their validity
- Easy to lie, no checks for if you are actually employed at a company, actually have a degree from a certain uni etc.
- Software competency checkmarks are 20 question quizzes with very hyper-specific questions. They don't really test actual skills. For example, InDesign quiz tests if you know keyboard shortcuts and how to do certain functions, but not your design skills.
- Corporate ownership means it risks failure if Microsoft fails
- Job listing rankings are not transparent, influenced by money of company.
- Ai for job searching is also not very good, perhaps due to lack of data, frequently recommending unsuitable positions.
- Paid users are privileged when employers search

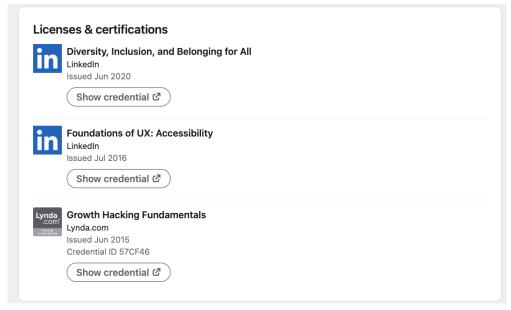
- Profit driven company means choices are not always in the best interest of users
- Not linked in any way to LMS systems



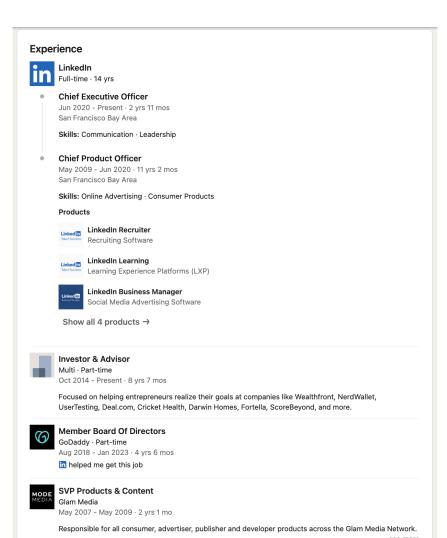
Personal Page Header



Personal Page Activity Feed



Personal Page Licenses and Certifications



Personal Page Experience List

Christina Cece Software Engineer March 18, 2009, Christina reported directly to Ryan Ryan is a true leader. He inspires those who work with him and is astute, charismatic, and focused; for these reasons he is extremely effective at rallying colleagues around common goals and getting things done. He possesses the rare capacity to integrate people skills and sense of humor with strategy and execution. Ryan is brilliantly creative is responsible for initiating and executing the most successful, groundbreaki ...see more



Received

Tracey Harrington McCoy

Skills: Online Advertising

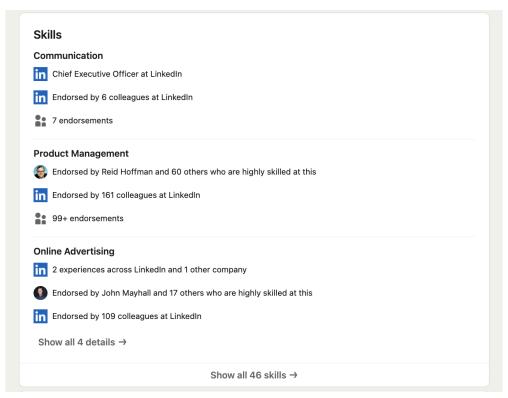
Recommendations

Given

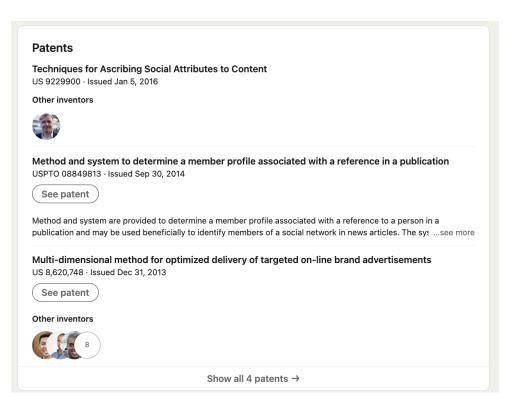
Entertainment Writer/Editor: People Mag, Newsweek, Parents Mag, Forbes, AARP, HelloGiggles, Aol/HuffPo | Founder & CEO, Written By Media

March 18, 2009, Tracey reported directly to Ryan

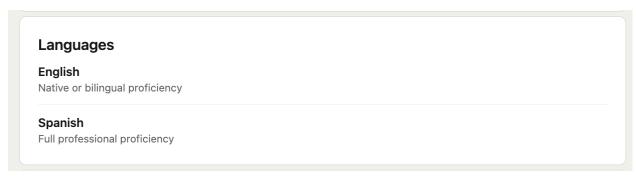
Ryan is a superb manager. Empowering, focused, detail-oriented, and most of all, encouraging. Ryan is also one of the most innovative thinkers I've met--which creates an exciting and inventive atmosphere in which to work. Furthermore, he is eager to hear from others--and always appreciates and promotes solid ideas.



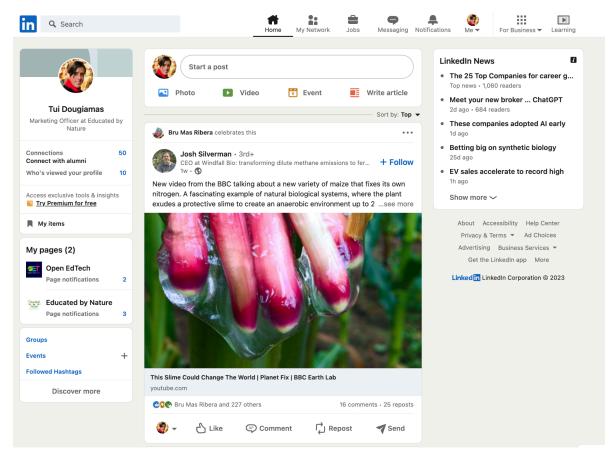
Personal Page Skills



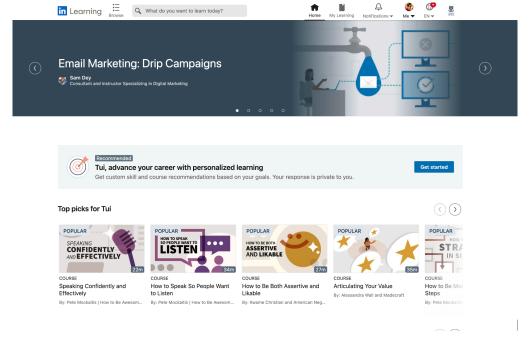
Personal Page Patents



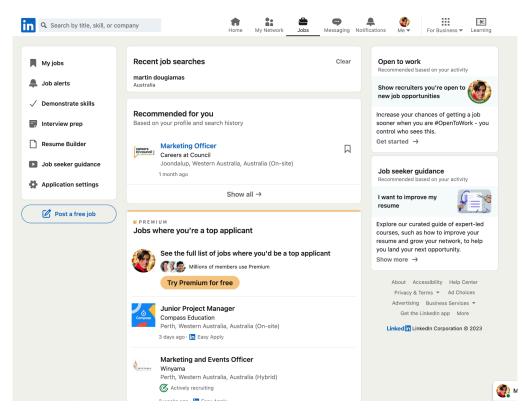
Personal Page Languages



Social Feed



Learning Dashboard



Job Searching Functionality

Canvas Badges (formally Badgr)

<u>Canvas Badges</u> is a way for institutions to provide digital badges that certify a student's completion of a course. These badges live in a digital wallet that the student can use to prove their qualifications.

Key Features

- Badges are stored by students in a digital backpack that they can take with throughout their life
- Badges created by teachers and institutions
- "Pathways" connect badges into journeys of achievement (eg. you get badges for lots of little steps leading up to full completion of something)

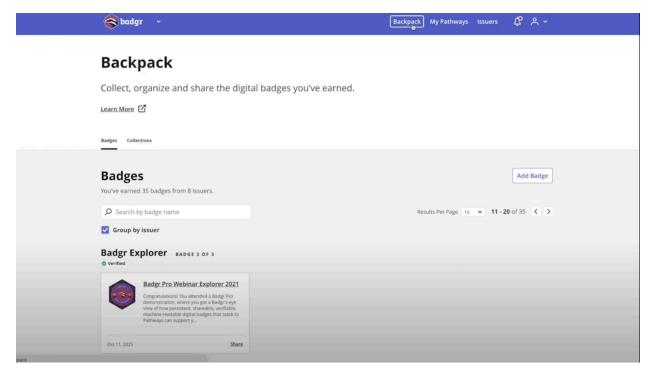
Pros and Cons

Pros

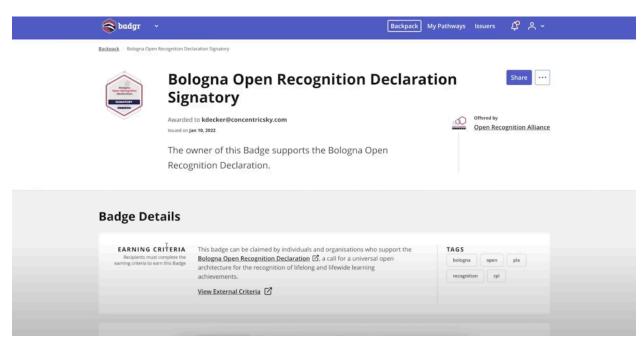
- Cross-institution compatibility
- Badges hold digital "signatures" so cannot be faked
- Easy for teachers to set up within their course
- Students can take with them throughout their life
- Allows more detail on specific skills than just a degree completion
- Integration with Canvas LMS

Cons

- Closed source
- Integrations with other LMS are flimsy
- Not widely used enough to really be a "one stop shop" for students



Backpack



Badge Page

Degreed

<u>Degreed</u> is a learning experience platform that enables individuals and organizations to discover, curate, and track all kinds of learning content, including courses, articles, videos, podcasts, and more. The platform uses artificial intelligence and machine learning to personalize learning paths for individuals and help organizations measure and analyze the impact of learning on their business outcomes. Degreed also provides tools for skills assessment, talent development, and career mobility.

Key Features

- Discovery: Degreed enables learners to discover a wide range of learning content from various sources, including internal and external resources.
- Curation: Users can save and organize learning content into collections and playlists for future reference or sharing with others.
- Personalization: Degreed uses AI and machine learning to recommend relevant content based on users' interests, job roles, and learning history.
- Skill assessment: Degreed provides tools for assessing users' skills and competencies, including self-assessments and 360-degree feedback.
- Learning paths: Users can create customized learning paths to achieve specific learning goals, and managers can create learning paths for their teams to develop new skills or close knowledge gaps.
- Measurement and analytics: Degreed tracks and analyzes learning data to measure the impact of learning on business outcomes and identify areas for improvement.
- Integration: Degreed integrates with other HR and L&D systems, such as HRIS, LMS, and talent management tools, to provide a seamless learning experience for users and streamline administrative tasks for administrators.

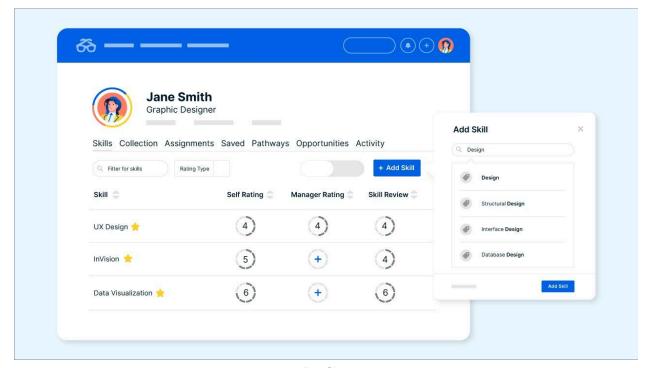
Pros and Cons

Pros

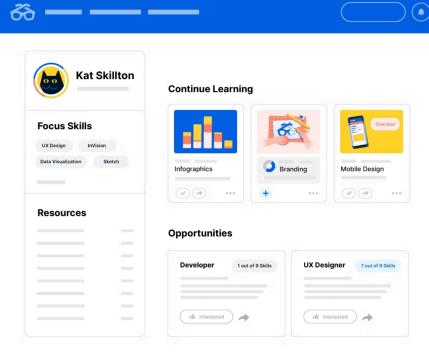
- Designed to work well within a workplace environment
- Tools for HR and managers to view employees and upskill and promote them
- Skill profiles are attached to each person and can move with them within the system
- Helps people connect inside an organisation with other employees share skills, knowledge and collaborate
- Can post projects/assignments for the business and have invite or have relevant staff members jump on board - via matching their skills to the skills required
- Lots of automation
- Employees get guidance on how to grow in line with the business needs

Cons

- User's profiles are specific to their workplace, not carried with them through their life.
- Only available to paid users, no free level
- The quality of learning content on Degreed can vary significantly depending on the source, and there is no guarantee that all content is accurate, up-to-date, or relevant.
- Has been criticised for only taking into account the time spent learning, rather than how much has actually been learnt



Profile



Learner Dashboard



Analytics

Accredible

Accredible is a cloud-based platform that offers digital credentialing and verification services to organisations, enabling them to issue, manage, and verify digital certificates, badges, and blockchain-based credentials. The software provides a secure and user-friendly way for individuals to access, store, and share their credentials with employers, colleagues, and other stakeholders. Accredible also offers customizable templates, branding, and integrations with popular learning management systems to meet the unique needs of various organisations.

Key Features

- Digital Credentialing: Accredible allows organisations to issue digital credentials such as certificates, badges, and blockchain-based credentials.
- Customizable Templates: The software provides customizable templates for organisations to create unique and professional-looking digital credentials.
- Secure Verification: Accredible offers secure verification of digital credentials, ensuring that they cannot be tampered with or forged.
- Learning Management System Integration: The platform integrates with popular learning management systems such as Canvas, Blackboard, and Moodle.
- Data Analytics: Accredible provides data analytics tools that allow organisations to track and analyse the usage of their digital credentials.
- Mobile Optimization: The software is optimised for mobile devices, allowing users to easily access and share their digital credentials on-the-go.
- API Access: Accredible offers API access, allowing organisations to integrate the platform with their existing systems and workflows.
- Branding: The software allows organisations to customise the branding of their digital credentials, ensuring that they are consistent with their overall brand image.
- Multiple Formats: Accredible supports multiple digital credential formats, including PDF,
 Open Badges, and blockchain-based credentials.
- Accessibility: The platform meets accessibility standards, ensuring that digital credentials can be accessed and used by individuals with disabilities.

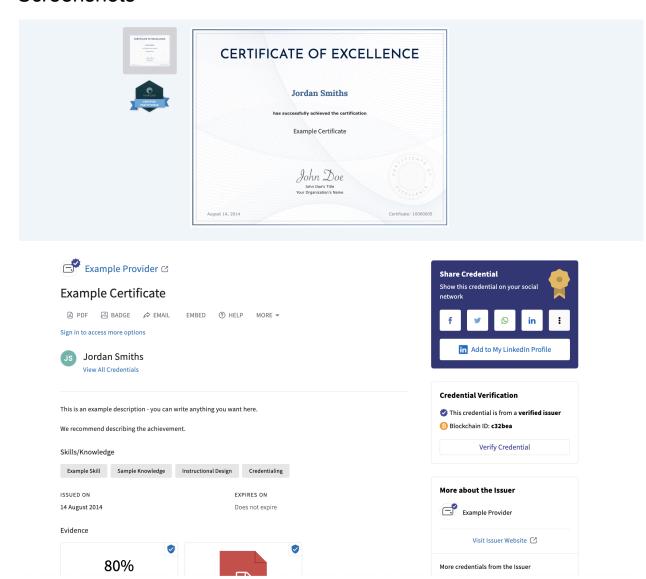
Pros and Cons

Pros:

- Open Badge Compliant secure and portable
- Analytics on badges to see where they are being used and shared
- Customisable templates
- Mobile optimisation
- Blockchain based credentials means secure
- Clear credential pages with badge and certificate. Clearly show legitimacy of credential, as well as evidence as to how it was achieved.

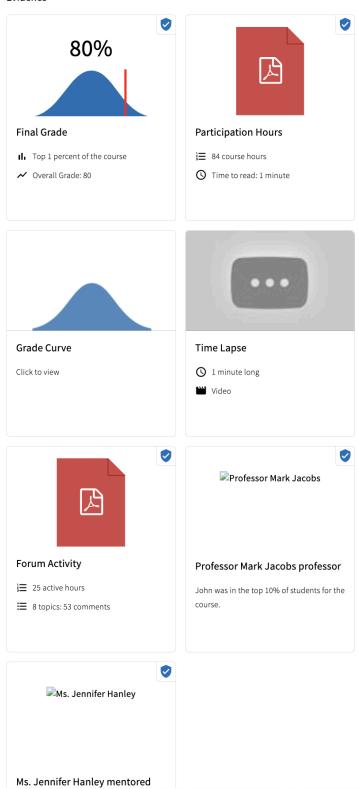
Cons:

- Only paid plans
- Limited tool. Largely for making and managing credentials as an organisation does not focus on holding them for students. No tools for comparing between users, hiring etc.



Example Credential

Evidence



Evidence Section

Credly

Credly is a digital credentialing platform that enables organisations to issue, manage, and share digital badges and credentials. With Credly, organisations can create and award digital badges to recognize and validate an individual's skills, achievements, and accomplishments. These badges can be shared on social media, digital resumes, and other online platforms, allowing individuals to showcase their skills and accomplishments to potential employers and colleagues. Credly also offers analytics and reporting features that provide insights into the effectiveness of digital credentialing programs. The platform integrates with a variety of learning management systems, professional development platforms, and other tools to make it easy for organisations to incorporate digital credentialing into their existing workflows.

Key Features

- Badge creation: Credly allows you to create digital badges that represent skills, achievements, and other accomplishments.
- Badge management: You can manage your badges, including issuing badges to recipients, tracking badge progress, and revoking badges if necessary.
- Badge sharing: Credly badges can be shared on social media, email, and other online platforms.
- Analytics and reporting: Credly provides analytics and reporting tools to help you track badge performance and measure the success of your badge programs.
- Customization: You can customise your badges by adding your own images, descriptions, and criteria.
- Integration: Credly integrates with a wide range of learning management systems, professional development platforms, and other tools, making it easy to incorporate digital credentialing into existing workflows and processes.
- API access: Credly offers an API that allows you to build custom integrations and automate badge issuance and management.
- Badge templates: Credly provides a library of badge templates that you can use to create badges quickly and easily.
- Leaderboards: Credly offers leaderboards that allow you to track and display badge earners' progress and achievements.
- Social sharing: Credly allows badge earners to share their badges on social media, increasing visibility and promoting your badge program.
- Learner Pathways: helps direct users to free and paid courses that may be useful for them, as well as helping them explore careers they may be well suited for.

Pros and Cons

Pros:

 Scalable: Credly can handle large volumes of digital badges and credentials, making it suitable for organisations of any size.

- Customizable: The platform is highly customizable, allowing organisations to create their own badges and credentials and tailor them to their specific needs.
- Integrations: Credly integrates with many learning management systems (LMS) and other platforms, making it easy to issue and manage badges and credentials.
- Verification: Credly provides a secure way to verify digital badges and credentials, helping to prevent fraud and ensure that individuals have earned the badges and credentials they claim to have.
- Engagement: Credly's social sharing features can increase engagement and recognition for individuals and organisations.
- Skills based recruiting: features allow you to input skills you value and then get back a list of possible hires that match.
- Low-level of Al suggests potential careers and courses you could take.

Cons:

- Cost: Credly can be expensive, especially for smaller organisations or individuals. The pricing plans are designed for organisations with larger needs and budgets.
- Learning Curve: Credly can be complex to set up and use, requiring some technical expertise and training.
- Platform Lock-in: Once an organisation has invested in Credly and issued a large number of badges, it can be difficult to switch to a different platform.
- Limited Customization for Free Accounts: Free Credly accounts have limited customization options and fewer features than paid plans, which may not meet the needs of some organisations.
- Limited Badge Design Options: While Credly offers a variety of badge designs, some organisations may find that the available options do not fit their branding or design preferences.
- Skills based recruiting is only searching people who have earnt badges in their network.

Screenshots



Q

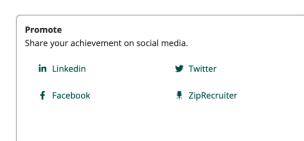




Share your badge.

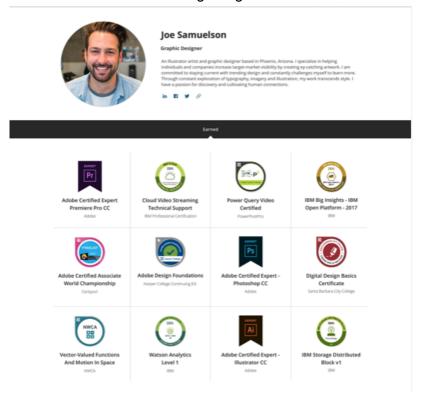
Broadcast your achievement to friends and colleagues to get the recognition you deserve.



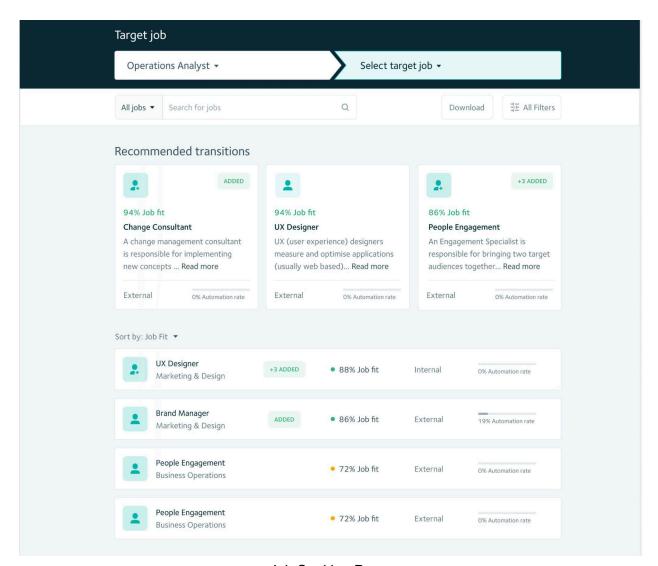


Publish Send your badge or take it offline.	
☑ Email	↓ Download Badge Image
Ø Public Link	Download Certificate
Embed Code	B Blockchain

Badge Page



Personal Page



Job Seeking Page

Credentialate

Credentialate is a software solution developed by Edalex. It is designed to help organizations manage their credentialing programs, from issuing digital credentials to verifying and sharing them with relevant parties. It provides a platform for creating, managing, and verifying digital credentials, such as badges, certificates, and micro-credentials, that can be shared on social media, job boards, and other online platforms.

Key Features

- Includes learner level quantitative and qualitative detail behind the accreditation
- Save skills and competencies in a library for use across organisations
- Flexible options for badge integrations

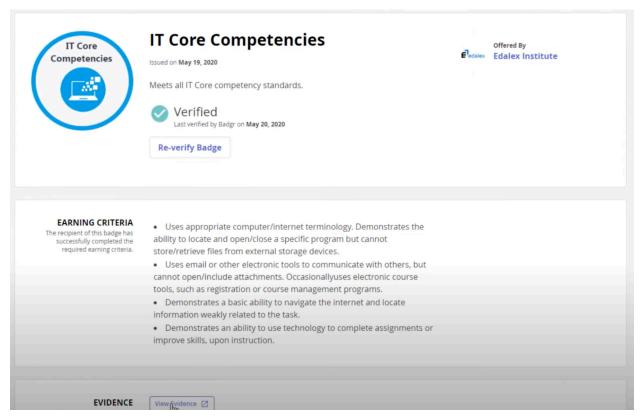
Pros and Cons

Pros:

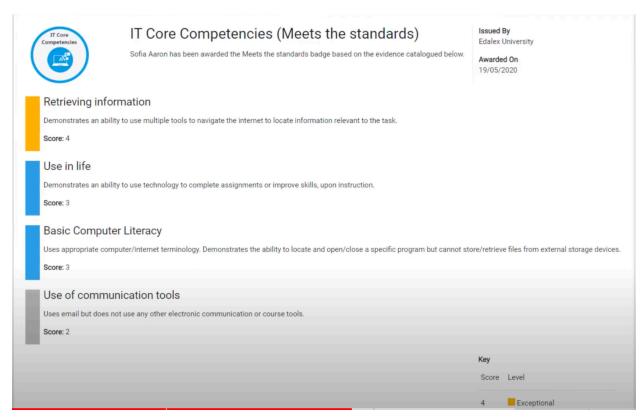
- Security and checks to make sure all credentials are trustable
- High level of integrations

Cons:

- Limited simply creates and shares credentials
- Paid option only at an organisation level. No way to access as an individual.



Badge Page



Evidence for Badge