Ezequiel Carrizo

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https://ezequielcarrizo.com/about.html

About Ezequiel, Staff Engineer

Originally from Argentina, I now call Tenerife my home. As a lifelong technology enthusiast, my journey into the IT industry began in childhood, and since then, my professional path has evolved around code and creativity. I serve as Lead Software Engineer at TKWW, leading cross-functional teams of talented engineers to deliver high-quality software solutions.

As a technical lead, guiding my team through challenges brings me immense satisfaction. Mentoring others is a duty and a joy; witnessing their growth fuels my passion. I firmly believe that collective growth is the true measure of success

Experienced professional in Software Development and an excellent leader with expertise in Leadership, Project Management, System Design, and Software Development. Proficient in writing modular, reusable, version-controlled code to build responsive systems tailored to client specifications and design requirements.

Recognized for leadership skills, I excel in guiding teams to their full potential. Adept at fostering a collaborative and innovative work environment, I empower teams to deliver exceptional results. I have a proven track record of successfully managing multiple concurrent projects and consistently meeting deadlines through effective prioritization and planning.

Quality-driven and detail-oriented, I am known for conducting thorough testing to identify and resolve potential bugs and performance issues. Dedicated to continuous learning of emerging technologies, programming languages, techniques, and best practices.

Proficiencies

Core Skills	Communication, Leadership, Problem-solving, Stakeholder Management, Mentorship, Decision-making, Adaptability, Project Management, Cross-functional Team Leadership, Strategic Planning, Change Management, Technical Project Leadership, Analysis, and Risk Management
Programming Languages	JavaScript, TypeScript, PHP, Python Go Java, C#, SQL (MySQL, PostgreSQL, Microsoft SQL Server) NoSQL (MongoDB, Redis, MariaDB) HTML5 CSS3

Frameworks and Libraries	React, NextJS, Svelte, Vue.js, Angular, Node.js, NestJS, Express, Hapi.js, Laravel, Symphony, Laravel, Lumen, Django, FastAPI CodeIgniter, TailwindCSS, Bulma, Bootstrap, Jest, Mocha, and many more
Development Tools	**Version Control**: Git, GitHub, Bitbucket, Gitlab **IaC**: Serverless, Terraform and SST, SST/Ion, CloudFormation **CI/CD**: Jenkins, Travis CI, GitHub Actions **Containerization**: Docker, Kubernetes **Cloud Platforms**: AWS, Google Cloud Platform, Cloudflare **Database Management**: Microsoft SQL, MySQL, Postgres, Redis, MongoDB, DynamoDb
Methodologies and Practices	Agile Methodologies (Scrum, Extreme Programming, Kanban), Design Patterns, Object-Oriented Programming (OOP), Functional Programming, Domain Driven Development, Test Driven Development, Clean Code, Hexagonal Architecture
Tools and Integrations	GitHub API, Gitlab API, Jira API, Bitbucket API, Magento, Bigcommerce, Sale Force, Algolia, Redox Engine, Avalara, Piano, Vertex, SendGrid, Contentful, Sanity, AWS Cognito, AWS Polly, Jira Open AI APIs such as GPT and text to speech, New Relic, Sumo Logic, Honeybadger, Pager Duty, Snowflake, MixPanel, Zendesk, and many more

Career Experience

The Knot World Wide (TKWW)	2022 – Current
Senior Software Engineer	Oct 2022 – Aug 2023
Lead Software Engineer	Sept 2023 – Current

Started as a Senior Software Engineer, but quickly moved into a Lead Software Engineer position. In TKWW, I've concurrently managed and led the execution and technical aspects of multiple software projects

- Managed and led a Coding Standardization and good practices cross-functional team project creating a Framework to train personnel and facilitate the adoption of multiple teams, coordinating different squads and roadmaps which led to the following results:
    - 75% Increased codebase quality
    - 95% Reduction in redundant PR Reviews
    - 50% Decrease of code smells
    - 50% Decreased Tech debt ratio

- Performed a Design System and system scalability review based on emerging business needs and created, planned, managed, and executed long-term software solutions such as re-architecturing the E-Commerce Products Data Model and API, with the following results:
    - 92% Decrease of response size.
    - 95% Decrease in API Latency.

- ○ Lowering API Error rate from 1.4% to 0.1%
- ○ New API Features and flexibility
- ○ API Models Standardization

- Led several different small projects on the E-Commerce oriented to increase the product assortment and reducing engineering effort by exploring different business and systems enhancements opportunities which led to an increase in sales and revenue and a 50% reduction in Engineering effort for launching new assortments

- Led the offboarding, knowledge transfer, and cleanup of several projects from Consultants.

- Designed processes and cross-squad agreements to bring solutions to areas that required improvements increasing standardization and solving conflicts

The Drum   2021 – 2022
Senior Software Engineer

The main objectives for me in this role were to bring my expertise to upgrade legacy systems from PHP 5.4 to PHP 8.1 and to implement solutions to make the company save money by replacing, fixing, or implementing better solutions for their Software by using AWS Integrations.
I've mentored and helped developers to get up to speed with the new tools and achieve out-of-the-box results.

- Implementation of tools to raise the code's quality, especially regarding Code Static analysis, Linters, Standard Fixers, and Testing to be used in the CI and Development process to reduce the software bugs, complexity, and delivery time of existing and future features.
- Refactoring company proprietary Legacy Software into Micro-Services and Serverless Functions with the focus on reducing the Infrastructure cost in AWS which was reduced by around 65%
- Worked closely with the Advert Operation Manager to reduce the complexity of integrating, placing, managing, and analyzing statistics of the site Adverts with a focus on increasing productivity by 30%
- Planned, Architected, and Implemented Administrative tools for different Business needs, Succeeding in reducing engineering BUA specially in self-service software a total of 50%, above of the original 35% goal.

SCALECODING LLC   2016 – 2021
Senior Full-Stack Engineer -> Lead Engineer

In this role, I Managed all aspects of projects to meet complex client requirements and expectations. Render technical expertise in the development of features in existing/new Software applications. Debug to spot and create solutions for performance slowness problems on applications. Perform tasks in an agile environment. Provide guidance and assistance with the business, functionality, and development of the application to teams.

- Create software solutions from start to success.
- Migrate Legacy Symphony 1.4 monolithic applications into Microservices architecture
- Plan, Architecture, and Integration with RedoxEngine for Healthcare Systems
- Migration of User Management System to AWS Cognito
- Contribute to the success of a great life-saving Health care system.

Excdedesoft S.A   2014 – 2016
Senior Web Developer

Worked on different projects providing the Development of Web Applications in an Agile environment. Provided DevOps Support for Company's customers, and performed Project Management.

- Project managed several clients understanding their needs and converting their desires into actual software requirements for developers, creating roadmap and deadlines.
- Development of Software Solutions by increasing the integrations of the system increasing the market value of the product
- A mentor around good practices and knowledge transfer to empower company teams and to help teams with their workflow pitfalls and overall processes

Devel S.A.   2013 – 2014
.NET Developer (C#)

Conducted training sessions to train new IT Support\Developer persons on the software. Worked closely with external clients to determine and build requirements for new software features and enhancements. Led development process to success using agile methodologies.

- Contributed to the development of software products.
- Train team members on software and agile methodologies
- Conducted meetings on good practices and brainstorming.
- Conducted demos of the software capabilities to potential clients and partners helping the company to close a variety of deals and achieve objectives

SCIO S.A   2009 – 2013
IT Support Specialist

Troubleshoot Company Application issues reported by customers in a very highly demanding environment. Tasked with upgrading servers and installing/testing the Software.

- Installed and configured a Task Manager system (Mantis) to improve company deliverability and avoid duplication of efforts
- Create an Access Control List to manage client servers and Internal Network Access
- Conducted Integrations with Client's API and or installation of proprietary software for big brands to contribute to their workflow or improve the company. (Movistar, Shell, Telecom Argentina, others).
- Reduced the need for maintenance and support by generating reports and flagging system failure doing the role of a Manual QA Engineer before the changes were deployed to production.

Education & Certificates

Google Project Manager Professional Certificate - Coursera

Google It Support Professional Certificate - Coursera

IT Security: Defense against the digital dark arts - Coursera

Leading and Managing People Effectively - Udemy

Growth Mindset: The key to confidence, Impact and Fulfillment - Udemy

OKR 101 Setting: Achieving more goals - Udemy

Leadership: Leading when you are not in charge! - Udemy

Visual Basic 6.0 - Santo Domingo Academy

HTML/Javascript Entry level - Santo Domingo Academy

Web Development - Instituto Canarias

HTML/Javascript Advanced Level - Santo domingo academy

PHP - Santo domingo academy

MongoDB for DBas - MongoDB University

MongoDB for NodeJS Developers - MongoDB University

Management Masterclass: Tactical Skills for new managers - Udemy

Cross Cultural Competency Training Certificate - TKWW

Creating Accessible Websites - Udemy

… I have a more complete and up-to-date list on my personal website which you can find at
https://ezequielcarrizo.com