

Ajin Sunny

Austin, TX | Full-Stack Software Engineer | (859)-457-0976 | ajinsunny.com | ajin.sunny@gmail.com

SKILLS

- **Product:** Product Roadmapping, User Research, MVP Development, Agile & Scrum Methodologies
- **Technical:** Python, JavaScript, TypeScript, Node.js, React, Next.js, PostgreSQL, MySQL, Azure, AWS, Kubernetes
- **Tools & Collaboration:** Jira, Confluence, Trello, Miro, Slack, Microsoft Teams, CI/CD, Github Actions

PROFESSIONAL EXPERIENCE

MindPetal Software Solutions | Full-Stack Software Engineer | Washington, DC

Oct 2021 - Jul 2025

- Defined and built Azure-based chatbot infrastructure, significantly improving internal efficiency and employee satisfaction by reducing document retrieval times by 30% using Hierarchical Navigable Small Worlds (HNSW) Algorithm, measured through internal user analytics.
- Improved compliance and processing speed for 1,000+ inter-agency financial transactions monthly by migrating legacy OCFO IPAC systems from SharePoint Forms to Power Apps.
- Collaborated closely with stakeholders to design and implement user-centric features, streamlining workflows for over 500 users and enhancing operational scalability by 10%.
- Led optimization and product improvement efforts for OSHA's digital forms, reducing user-reported errors by 95% and boosting user satisfaction by 20%.
- Coordinated with IT teams and stakeholders to resolve 200+ monthly access issues and process over 100 account changes, ensuring seamless Department of Labor operations.
- Drove digital transformation initiatives, transitioning 150+ USDA certificates to electronic formats, reducing processing times by 50% and significantly improving customer experience.
- Developed and integrated over 40 validation logic scripts into end-to-end unit tests using JavaScript, Git, and Cypress, elevating code quality by 25% and reducing production defects.
- Reviewed and refined 3,000+ lines of code and test scripts, improving system reliability and maintaining engineering standards.

Outco Inc. | Full-Stack Software Engineer, Technical Instructor | San Francisco, CA

Mar 2020 - Oct 2021

- Developed key dashboard enabling data-driven insights improving user accountability tracking for 2,000+ clients.
- Developed a dashboard for a web app that renders accountability for 2000+ clients using React, Redux, and JSX
- Significantly enhanced web app performance through strategic technical decisions, reducing page load times by 50%, directly improving user retention and engagement.
- Implemented 10+ frontend routes for internal websites using React, ReactHooks, and React Router.

NASA Kentucky EPSCoR Program | Software Developer | Lexington, KY

Aug 2017 - Dec 2019

- Programmed an embedded software pipeline in Python and C++ which controlled electromagnetic actuation of small satellite system with 0% steady-state error.
- Developed a decentralized control algorithm that measured relative position and velocity of small sats using LiDAR sensors, PIC microcontrollers, Python, and C++ with a measurement accuracy of $\pm 3\%$.

EDUCATION

Master of Science in Computer Information Sciences, Harrisburg University

Attended

Master of Science in Mechanical Engineering, University of Kentucky

2019

Bachelor of Science in Electrical Engineering, University of Kentucky

2017

[Google Scholar Research Publications](#)

PROJECTS AND CERTIFICATIONS

Software Engineer | Zensus | [URL](#)

2024–Present

- Independently launched a fintech iOS app focused on financial literacy, smart savings goals targeting young adults.
- Managed end-to-end product lifecycle, user research, prototyping, validating MVP, product roadmapping, backend architecture, infrastructure setup, and successful deployment to the App Store.

Certified Scrum Developer® | Scrum Alliance

April 2025

- Awarded the Certified Scrum Developer® credential for successfully completing Scrum Alliance's prescribed requirements.
- Certification ID: 001745832 | Active through: April 2027