Ajin Sunny

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SKILLS

- Languages: JavaScript, TypeScript, HTML5, CSS, Python, C, C++
- Frameworks & Tools: Node.js, React, Next.js, Redis, PostgreSQL, Cosmos DB, NoSQL, Azure, AWS EC2, AWS ECS, Jira, Confluence, Miro, Slack, Microsoft Teams, CI/CD, Github Actions
- **Product:** Product Roadmapping, User Research, MVP Development, Agile & Scrum Methodologies

PROFESSIONAL EXPERIENCE

MindPetal Software Solutions | Senior 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	2023-Present
Master of Science in Mechanical Engineering, University of Kentucky	2019
Bachelor of Science in Electrical Engineering, University of Kentucky, GPA: 3.75	2017
PROJECTS AND CERTIFICATIONS	

Software Engineer | Zensus | <u>URL</u>

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.

Certified Scrum Developer® | Scrum Alliance

April 2025

• Certification ID: 001745832 | Active through: April 2027

Claude with Anthropic API | Anthropic | URL

October 2025

- Comprehensive course that teaches how to integrate Claude AI into applications using the Anthropic API.
- Certification ID: 2d2fvev4ctv7