Jason Lee

+1 (570) 807-5262 | jason.e.lee8@gmail.com | linkedin.com/in/jasonlee88 | github.com/jason-lee88

WORK EXPERIENCE

Software Engineer II   January 2024 - Present
Lutron Electronics   Philadelphia, PA

- Develop a full stack web portal in a cross-functional environment using TypeScript, JavaScript, HTML, CSS, React, and Node for the frontend, used by 10,000+ monthly users to manage their smart lighting systems
- Build AWS Lambdas in Go that process smart lighting data and integrate them with the frontend using RESTful APIs, resulting in full end-to-end user workflows
- Collaborate with technical and non-technical stakeholders in an Agile framework, documenting requirements, system designs, test strategies, release plans, and other parts of the software development lifecycle (SDLC)
- Review Figma specs with UX designers, ensuring technical feasibility and improving handoff to developers

Software Engineer I   July 2022 - January 2024
Lutron Electronics   Philadelphia, PA

- Architected and developed the company's frontend design system and component library containing 20+ reusable React components, icons, and themes, ensuring visual consistency across 15 web applications
- Wrote unit tests with Jest and integration tests with Cypress to ensure frontend stability
- Maintained and optimized an automated CI/CD pipeline with Jenkins that builds, tests, and deploys web applications, improving the developer experience by reducing the build time by 20 minutes
- Optimized frontend performance directly by caching user data with TanStack Query for instant in-memory lookups

Software Engineer Intern   June 2021 - August 2021
Aptima   Remote

- Developed a JavaScript scraper to ingest Teams message data using Microsoft Graph REST API, enabling automated analysis of communication patterns within the organization
- Containerized the scraper with Docker to be deployed in an existing Kubernetes (K8s) cluster

PROJECTS

Merchant Math Tutoring

- Built a STEM tutoring platform using TypeScript, HTML, CSS, React, and Node, driving $60k revenue over 2 years
- Implemented responsive design to ensure compatibility with a wide range of screen sizes (desktop and mobile)

EDUCATION

Lehigh University   August 2018 - May 2022
Bachelor of Science in Computer Science   Bethlehem, PA

SKILLS

Programming Languages: TypeScript, JavaScript, Go, HTML, CSS, Python, SQL
Frameworks and Tools: React, Node, Jest, Cypress, Git, AWS, Jenkins, Express, Vite, Webpack, Docker

VOLUNTEERING

Regional Coordinator   June 2022 - June 2023
Society of Asian Scientists and Engineers (SASE)   Remote

- Advised 5 collegiate SASE chapters to increase membership and facilitate Asian American STEM conferences