

Jason Lee

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

WORK EXPERIENCE

Senior Project Software Engineer (promoted from Project Software Engineer) 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
- Architect the company's frontend design system and component library containing 20+ reusable React components, icons, and themes, ensuring visual consistency across 15 web applications
- 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)

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

- 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
- Reviewed Figma specs with UX designers, ensuring technical feasibility and improving handoff to developers
- Wrote unit tests with Jest and integration tests with Cypress to ensure frontend stability
- 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 LLC

- 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 May 2022
Bachelor of Science in Computer Science Bethlehem, PA

- Graduated Magna Cum Laude

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