

# Jason Lee

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## WORK EXPERIENCE

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**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

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**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

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**Lehigh University** May 2022  
Bachelor of Science in Computer Science Bethlehem, PA

- Graduated Magna Cum Laude

## SKILLS

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

## VOLUNTEERING

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**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