

Frank Lee

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Education

Georgia Institute of Technology

Expected December 2024

Master of Science in Computer Science

Courses: Human-Computer Interaction, Advanced Internet Systems, Artificial Intelligence

Saint Louis University

November 2021

Doctor of Medicine

Duke University

December 2015

Bachelor of Science in Neuroscience

Experience

BeaconFire Inc.

East Windsor, NJ

Frontend Developer

Jan 2023 — Present

- Collaborated with backend developers, product managers, and quality assurance teams to develop web applications with HTML, CSS, and JavaScript.
- Proficient in TypeScript, React, Redux, Jest to build type-safe, user-friendly interfaces for internal data management systems with an emphasis on test-driven development.
- Built the official company website with Next, fully responsive, optimized for performance, core web vitals, and SEO, and with seamless transitions using Framer Motion.
- Developed the frontend of a secure and user-friendly authentication system, with password recovery, multi-factor authentication, and security measures to protect against common threats.
- Communicated with UI/UX designers to construct a reusable component library with Storybook with clear documentation and adherence to accessibility standards.
- Created a ChatGPT-powered OpenAPI documentation manager, providing developers with an interactive and intuitive frontend interface for streamlined API design.
- Crafted responsive email templates using MJML.

Projects

Argos Jobs

mykaraoke.vercel.app

- Web Development Jobs Dashboard: Crawled job listings across the US using Puppeteer, analyzed job listings for trends and patterns, and provided insights on the web development job market through visualizations using Chart.js.
- Resume Builder: Integrated data from dashboard to allow users to craft software engineering resumes, featuring a unique tailoring function powered by ChatGPT.
- Deployed React.js, Express.js, and PostgreSQL application on AWS EC2 and RDS.

Skills

Languages: JavaScript, HTML, CSS, Java, Python, SQL, TypeScript

Frameworks: React.js, Django, Next.js

Databases: PostgreSQL, NoSQL, MongoDB

Other: REST, Git, AWS, Node.js, Docker, Jenkins, Jira, Confluence, responsive web design, Scrum, agile, Redux, Webpack, SASS, Jest, Selenium, Figma, unit testing