

FRANK LEE

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PROFESSIONAL EXPERIENCE

Skydio (skydio.com)

Senior Web Developer

San Mateo, CA, USA

July 2024 - January 2025

- Built and maintained high-traffic marketing website for leading drone company
- Engineered a fast, scalable static site using React, Astro, Svelte, and 11ty
- Integrated Sanity CMS to empower non-dev teams to manage and update site content independently
- Implemented SEO strategies, analytics (GA + Looker Studio), and cross-browser QA (LambdaTest, BrowserStack) to ensure visibility and reliability

ResMatch (residencymatch.net)

Founder, Full-Stack Developer

Cupertino, CA, USA

June 2024 - Present

- Built and launched a residency interview tracking and community platform for medical students
- Architected the full-stack system using React, Node.js, Prisma, and PostgreSQL, deployed on Heroku
- Developed key features including interview invite tracking, rank lists, impressions, analytics, and moderation tools
- Scaled the platform to 80K+ active users and 3M+ page views, leading a small team of contributors including a co-founder, designer, and software engineers
- Led product direction, UI/UX, SEO, and grassroots growth through Reddit, Discord, and direct outreach to medical students
- Integrated AI capabilities to the platform, including a GPT-based assistant

Beaconfire Inc. (beaconfiresolution.com)

Frontend Developer

East Windsor, NJ, USA

October 2022 - May 2024

- Built type-safe, responsive UIs for internal tools using TypeScript, React, Redux, and Tailwind CSS
- Launched the company's marketing site with Next.js, optimizing for SEO, performance, and Core Web Vitals
- Deployed production apps via AWS S3 and Jenkins, integrating error monitoring with Sentry
- Improved frontend-backend coordination by establishing an internal RPC request library using Axios
- Conducted user research via service team interviews, client surveys, and focus groups, and transformed feedback into actionable technical goals

SKILLS

Languages: JavaScript, TypeScript, Java, Python, C/C++, PHP, Ruby, SQL, GraphQL

Frameworks: React.js, Node.js, Next.js, Angular, Spring, Express.js, Django, Flask, Ruby on Rails, Laravel

Tools: Git, AWS, EC2, S3, RDS, Lambda, Docker, Gradle, Maven, JIRA, SDLC, Agile, SCRUM, Sanity

EDUCATION

Georgia Institute of Technology

Master's, Computer Science

August 2022 - August 2025

- Part-time

Saint Louis University School of Medicine

MD, Medicine

August 2017 - May 2021

Duke University

Bachelor's, Neuroscience

August 2012 - December 2015