

GARETH NG

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EXPERIENCE

Full-stack Software Engineer - [Ladder.to](#) (React, Firebase) August 2021 - Present

- Co-led redesign and build of post feed and post page, resulting in 15% higher views/post
- Configured frontend with SendGrid to send 200k monthly emails with 75% unique opens
- Collaborated with product designer and conducted user interviews to prototype new company products
- Optimized backend by reducing daily server-side function calls from 200k to 20k
- Automated digest and newsletter to deliver 100k users/week, saving 5+ hours/week
- Orchestrated recruiting initiatives by creating interview questions and stages, conducting interviews, and leading onboarding of new hires

PROJECTS

Saga - Profile Builder (Next.js, Nest.js, PostgreSQL, Prisma, Framer Motion)

- Incorporated Framer Motion to enhance user experience by creating layout animations and drag-and-drop functionality
- Introduced best practices in accessibility, SEO, and performance to achieve Lighthouse scores of 100 in each category
- Developed alongside a product designer and sketched mockups in Figma

Redraft - Screenwriting App (React, Firebase, Slate.js, Redux)

- Engineered online text editor to create virtual note cards, notes, and screenplays, with the option of exporting to PDF files
- Implemented Slate.js to facilitate auto-complete and auto-formatting
- Adhered to WAI-ARIA guidelines to improve keyboard and screen reader accessibility

TECHNICAL SKILLS

Frontend: React, Next.js, JavaScript, TypeScript, Framer Motion

Backend: Nest, PostgreSQL, Prisma, Express, Socket.io, Firebase, Algolia

Testing: Cypress, Jest, React Testing Library

EDUCATION

Pennsylvania State University
Bachelor of Science, Accounting

Graduated 2019