

Kenneth Cruz

Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 7+ years delivering production applications across agency, SaaS, and enterprise environments. Production-ready expertise in React, Next.js, Angular, and Java/Spring Boot — spanning UI systems to backend services. Proven record shipping polished, accessible, performant UIs and scalable component systems. Experienced integrating headless CMS platforms, AI-enabled tooling, and backend APIs — with a strong design background that bridges engineering and creative teams.

TECHNICAL SKILLS

Languages: HTML5, CSS3, SCSS, JavaScript ES5/ES6, TypeScript, Python, Ruby, JSON, XML

Frameworks & Libraries: React.js, Next.js (App Router), Angular, Gatsby.js, Node.js, Express.js, Django, jQuery, Handlebars.js, Nx, Storybook, Apollo-GraphQL, Styled Components, SASS, Bootstrap

Testing: Jest, Playwright, Mocha, Chai

Databases: PostgreSQL, MongoDB, GraphQL, Apollo

Patterns: MVC, MTV, OOP

Tooling & DevOps: Jenkins, Git, Vercel, Heroku, CI/CD pipelines, AWS (basic), Docker (in progress)

AI & Automation: AI-assisted engineering, Playwright AI integration, agentic workflow design, prompt engineering

Design Tools: Sketch, Adobe Photoshop CC, Illustrator CC, InDesign CC, XD CC, Adobe Dimension, Microsoft Office

EXPERIENCE

Full Stack Engineer | Fidelity Investments | New York, NY 2022 – Present

- Engineered and maintained production TypeScript/Angular and Java/Spring Boot applications at enterprise scale, delivering measurable performance gains of 20% in responsiveness and page load times across critical client-facing workflows.
- Maintained 100% code coverage across the full codebase using Jest and Playwright — integrating AI-assisted test generation to accelerate automation authoring and reduce manual QA overhead, contributing to a 30% reduction in post-release defects.
- Shipped multiple production features per week via Jenkins CI/CD pipelines — owning build configuration, deployment sequencing, and release stability across a high-cadence delivery environment.
- Fostered a collaborative engineering culture through peer-led feature demos and code walkthroughs — enabling knowledge transfer across the team and sustaining high-quality delivery at a multi-feature-per-week cadence.
- Collaborated with cross-functional squads to resolve high-priority engineering tickets, consistently exceeding SLA targets by 15% and contributing to an 80% increase in interdepartmental collaboration across product launches.

Front-End Engineer | Retrievr | New York, NY 2021 – 2022

- Led full redesign of a consumer-facing recycling platform in React/Next.js with a Redux Toolkit state-machine architecture — shipped via CI/CD to Heroku and contributed directly to \$1M in additional project funding.
- Bridged design and engineering end-to-end: designed the UI in Sketch, then built and deployed the full Next.js application from scratch.

Freelance Front-End Engineer | AndCode LLC | New York, NY 2019 – Present

- Built React/Next.js and GatsbyJS client sites with headless CMS integrations (Contentful, Google Sheets) driving 3,000+ monthly visits; elevated Lighthouse SEO scores from 55 to 90.
- Developed reusable Next.js patterns for API requests, routing, and middleware — establishing scalable frontend architectures across multiple client engagements.

EDUCATION

Software Engineering Immersive | General Assembly | New York, NY

Bachelor of Arts, Graphic Design | SUNY Buffalo | Buffalo, NY