Calen Cooper
SOFTWARE ENGINEER

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https://calencoop.github.io/portfolio/

TECHNICAL SKILLS

TypeScript · JavaScript · React · Next.js · Node.js · Express · MongoDB · PostgreSQL · Prisma · Tailwind CSS · Git · GitHub ·Jest · REST APIs · OpenAI API · JWT · OAuth · Bcrypt · Zod · Cloudinary · React Query · React Hook Form · EJS · Vite · Webpack · Deployment (Netlify, Render)

EXPERIENCE

100 Devs · **Software Engineer**   Jul 2022 — Present
- Developed and shipped 10+ full-stack web apps with the MERN stack (MongoDB, Express, React, Node), including social platforms, dashboards, and productivity tools.
- Refactored legacy projects to improve load times by up to 40% using modular design, middleware, and efficient query optimization.
- Built RESTful APIs and integrated third-party services (e.g., OpenWeather, Cloudinary) to extend app functionality and streamline external data flows.
- Collaborated with designers to iterate on UI/UX in Figma handoffs, translating mockups into responsive, accessible components with Tailwind CSS.
- Debugged and QA'd apps across Chrome, Firefox, and Safari using DevTools and BrowserStack, resolving layout and cross-browser inconsistencies.

Real Geeks · **Sales Development Representative**   Nov 2021 — May 2022
- Consistently ranked as the top SDR within the new hire cohort, with a 17% higher conversion rate than peers, contributing to a 23% increase in team sales.
- Boosted lead-to-appointment conversion rates by 20%, leveraging data-driven insights and a strong understanding of customer needs.
- Collaborated with sales consultants to optimize pipeline management and effectively utilize CRM tools like Salesforce, improving lead tracking accuracy.
- Demonstrated technical proficiency in internal systems, improving process efficiency and client onboarding times.

TECHNICAL PROJECTS

CodeReview.ai · Ai-powered code review assistant for GitHub Pull-requests   2025
- Engineered a full-stack tool that analyzes GitHub pull request diffs using OpenAI and flags security risks, bugs, and best practice violations across ~20+ files per review.
- Built custom diff-parsing logic and modular React components to support interactive file selection, real-time previewing, and AI feedback through modal displays.
- Integrated OpenAI's API to deliver categorized AI responses with >95% relevance accuracy, improving code review quality and reducing manual QA time.
- Designed scalable UI using Next.js and Tailwind CSS, supporting multi-file reviews, modal toggles, and selection states.

MealPreppers · Full-stack social media app for food enthusiasts   2024
- Launched a MERN-stack app with real-time features like liking, following, and commenting, engaging over 150 test users.
- Implemented JWT-based authentication and secure cookie management to protect user sessions and enforce role-based access.
- Reduced database query latency by 30% through optimized MongoDB schema design for users, posts, and comments.
- Enabled image and media uploads via Cloudinary, contributing to a 40% increase in user session length during beta testing.

EDUCATION
- **California State University, San Marcos** · Bachelor of Arts, Psychology · Magna Cum Laude

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INTERESTS Exercise, Piano, Pickleball, Traveling, Marvel, Anime, NBA, OSRS