Jason Cox

Full Stack Software Developer
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Summary

Full stack developer building modern web applications with React, Next.js, and Node.js. Experienced designing REST APIs, implementing authentication systems, and working with relational and NoSQL databases. Interested in system architecture, real time applications, and building end to end software solutions from database design to responsive UI.

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL, C, HTML, CSS
Frontend: React, Next.js, React Native, Expo, Tailwind CSS
Backend: Node.js, Express, REST API design, WebSockets, JWT authentication
Databases: PostgreSQL, MongoDB, MySQL, Redis
Tools: Git, GitHub, Docker, Postman, Linux, VS Code
Cloud: Vercel, Render, Google Cloud, AWS, Firebase, Cloudinary

Selected Engineering Projects

Chatty - Real Time Messaging Platform
Tech: React, Node.js, Express, MongoDB, Socket.io, Cloudinary
- Designed full stack messaging platform supporting real time chat, group conversations, and image uploads.
- Implemented WebSocket communication with Socket.io for live messaging and typing indicators.
- Built authentication system using JWT and bcrypt password hashing.
- Integrated Cloudinary for scalable image storage.

Goaly - Mobile Habit and Goal Tracking App
Tech: React Native, Expo, Node.js, REST APIs
- Developed mobile goal tracking application with streak tracking and analytics.
- Designed modular REST API architecture for authentication, goals, and streak tracking.
- Managed global application state using React Context.

Realtor CRM - Lead and Task Management Platform
Tech: Next.js, Node.js, PostgreSQL, REST APIs
- Built CRM system for managing real estate leads and follow up tasks.
- Designed relational PostgreSQL schema for lead and task relationships.
- Implemented CRUD API endpoints and dashboard UI.

Education

Software Engineering Certificate - TripleTen (2024-2025)

Developer Activity

- Active GitHub contributor building full stack applications.
- Practice algorithms and data structures through LeetCode.
- Completed backend focused projects through Boot.dev.

Professional Experience

Security Officer - Aimbridge Hospitality (2024-Present)
Coordinate incident response, safety monitoring, and reporting.
Server - Good Day Cafe (2017-2024)
Delivered customer service in a high volume environment and trained new staff.