Douglas Sellers
Software Engineer

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Professional Summary

Software Engineer with 5 years of experience delivering scalable, high-performance web applications. Skilled in React, Next.js, Node.js, and TypeScript, with experience designing RESTful and GraphQL APIs and integrating PostgreSQL and MongoDB databases. Proven track record collaborating in professional engineering teams and shipping products that handle tens of thousands of real-time transactions. Actively building and deploying full-stack projects using modern frameworks and cloud platforms like AWS, Firebase, and Vercel to deliver production-ready applications.

Skills

Frontend: JavaScript, TypeScript, React, Redux, Zustand, Next.js, HTML, CSS, Material UI, Tailwind, Framer Motion
Backend: Node.js, Express.js, Python, GraphQL, PostgreSQL/SQL, Prisma, OAuth
Cloud & Tools: AWS, Firebase, Vercel, Netlify, Git/GitHub, CI/CD
Other Skills: RESTful APIs, PWAs

Experience

Software Engineer | Freelance/Contract   Jan 2020 - Sept 2025
- Developed CineMatch (AI-powered movie recommender) and StockPulse (real-time stock dashboard with a trading simulator) as contract-style deliverables to demonstrate scalable, client-facing solutions.
- Delivered custom full-stack applications for small business and startup clients, from concept through deployment.
- Implemented secure authentication, optimized database performance, and set up automated deployments with AWS, Firebase, and Vercel.
- Integrated third-party APIs and designed intuitive, responsive interfaces to improve usability and engagement.
- Strengthened skills in independent project management, requirement gathering, and delivering production-ready apps on professional timelines.

Software Engineer | Shift4 Payments   Nov 2022 - July 2024
- Led a comprehensive UI overhaul of the Concessions app used daily by thousands of stadium attendants nationwide, significantly enhancing user experience and ensuring pixel-perfect visual consistency.
- Optimized API call efficiency in Suites, reducing unnecessary requests and improving load times by 35% for a smoother user experience.
- Enhanced Kiosk performance by significantly reducing load times and order-processing delays in high-traffic stadium environments, efficiently handling 20,000–50,000 transactions per event.
- Resolved high-priority bugs across four core applications (Concessions, Kiosk, Suites, and Canopy), proactively addressing client-reported issues and significantly enhancing system stability, user satisfaction, and overall reliability.
- Provided on-call engineering support during live events, troubleshooting and guiding support teams.

Full Stack Developer | TOMO   Aug 2021 - May 2022
- Designed and prototyped the full user flow and app interface using Figma and Framer, enabling efficient development and streamlined collaboration with the startup team.
- Developed core app components and responsive screens with Next.js and Tailwind CSS, ensuring smooth, mobile-first user experiences.
- Implemented logic for dynamic content display, personalizing user interactions and optimizing engagement.
- Collaborated closely on Firebase schema design, ensuring scalable and efficient data management for user and app data.

Junior Web Developer | Pawdy City   Oct 2020 - March 2021
- Built and integrated RESTful APIs, facilitating efficient frontend-backend communication and streamlined user experiences for an interactive e-commerce platform.
- Collaborated closely on database schema design, ensuring robust data management to support scalable growth for the online store.

Education

Fullstack Academy – Certificate in Software Engineering, 2020

- Completed 17-week immersive program focused on JavaScript, React, Node.js, databases, and agile development.
- Delivered a production-ready capstone project in a cross-functional team, applying agile practices and modern frameworks.