

Michael Rooze

Senior Software Engineer

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PROFESSIONAL SUMMARY

7 years of experience building and maintaining production web applications across multiple industries. Strong experience owning features end-to-end, from frontend implementation and backend integration to authentication, authorization, and data-driven workflows using modern web technologies.

EXPERIENCE

Senior Software Engineer

Lunar Cow Publishing | 12/2024 - present (contract)

- Design and implement new features, tools, and reports for an employee and client portal using Next.js and Supabase, supporting internal and client-facing workflows
- Implemented secure cross-application navigation between employee and client portals, preserving Supabase authentication across domains to ensure a seamless user experience
- Developed a forecasting tool for employees to log weekly hours, giving managers the ability to assign those hours to specific projects
- Created a Vercel Cron job to automate meeting reminder emails, increasing attendance rates by 20%

Senior Front-End Engineer

Coconut Tree Software Inc. | 04/2024 - 06/2024 (contract)

- Led frontend development of BidMax, a real estate platform built from the ground up using React, Context API, and Material UI
- Developed user-facing features for property browsing, purchasing, and selling workflows
- Collaborated with backend engineers using Swagger documentation to integrate APIs

Software Developer IV

Charter Communications | 10/2022 - 06/2023 (contract)

- Built software that allows sales activation agents and internal teams to resolve ordering issues and test specific buy flows utilizing the React library, React Context API, and Material-UI
- Built unit and integration tests with React Testing Library, ensuring over 90% code coverage
- Validated and documented code changes before promoting builds through Jenkins-based CI/CD pipelines
- Led demonstrations of our team's progress in monthly meetings

Software Developer

Business Information Systems | 10/2021 - 03/2022

- Developed web applications that handle transactions and manage inventory for county clerks across the state of Tennessee using Vue.js, TypeScript, and PHP
- Built features that integrate with barcode scanners for license plates
- Followed PCI security data standards to prevent data vulnerabilities
- Used Monetra technologies and TranSafe to test credit cards to ensure secure transactions

Freelance Software Developer

01/2019 - present

- Build custom web applications for small businesses and individuals using React.js, JavaScript, Node.js, Express, and WordPress, improving online presence and functionality
- Lead end-to-end development, including requirements gathering, technical design with Figma, development, testing, and deployment

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, Vue.js, JavaScript, Redux
- **Styling:** CSS/SCSS, Tailwind, MUI, Framer Motion
- **Backend:** Supabase, PostgreSQL, Node.js, Express
- **Testing:** Jest, React Testing Library, Cypress
- **Deployment & Tooling:** Vercel, Git, Jenkins, CI/CD pipelines

EDUCATION

Indiana State University | Terre Haute, IN

Bachelor of Science

Graduation Date: 05/2012