

# Neal Crawford

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## Summary

Full-Stack Developer with 7+ years of experience building scalable web apps. Skilled in responsive front-end development (React, Vue, Tailwind) and back-end systems (Node.js, Express, MongoDB, SQL). Strong in API integration, cloud deployment (AWS, Heroku, Netlify), and performance optimization. Passionate about clean, maintainable code and cross-team collaboration.

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, Python, Java, SQL, HTML5, CSS3, SASS

**Front-End:** React, Next.js, Vue.js, Redux, Tailwind, Bootstrap

**Back-End:** Node.js, Express, MongoDB, REST APIs, GraphQL

**Tools & Cloud:** Git, AWS (EC2/S3), Heroku, Netlify, CI/CD

**Other:** Responsive Design, Accessibility (WCAG), Agile/Scrum

## Experience

### Full Stack Developer – Fannie Mae, Washington, DC | Oct 2020 – May 2024

- Developed enterprise React + Node.js applications supporting financial systems.
- Built REST APIs, optimized MongoDB/SQL queries, cutting load times 35%.
- Created dashboards to monitor database refreshes & system health, reducing downtime.
- Supported AWS cloud migration, improving scalability & reliability.

### IT Consultant (Full-Stack) – FDM Group, Remote | Jul 2018 – Sep 2020

- Modernized legacy apps by migrating to React + Express, lowering maintenance overhead.
- Built reusable UI components and data visualization dashboards for client apps.
- Delivered production support & new features for financial systems.
- Implemented CI/CD pipelines, improving release efficiency.

## Projects

- **Trivia Game App:** React + OpenTrivia API with real-time scoring & responsive design.
- **Shopping List App:** JavaScript + Firebase with authentication & persistence, deployed on Netlify.
- **Portfolio Website:** Next.js + Tailwind CSS with SEO optimization and blog integration.

## Education

B.A. Computer Science – University at Albany (SUNY), 2018