

Full-stack developer and IT specialist with hands-on experience building and deploying modern web applications using Next.js, React, TypeScript, and AWS. Proven ability to manage full projects solo, implement security best practices, and contribute to both frontend and backend architecture. Passionate about solving real problems with clean, scalable solutions.

SKILLSETS and QUALIFICATIONS

Frontend Development:

- ✓ Skilled in front-end development using React, HTML, CSS, and JavaScript, with experience building responsive, dynamic UIs.
- ✓ Proficient in TypeScript, utilizing static typing, interfaces, and generics to enhance code maintainability, reduce bugs, and improve development efficiency in React and Node.js applications.
- ✓ Proficient in Next.js, leveraging features such as API routes, Server Side Rendering (SSR), and Static Site Generation (SSG) to build scalable, high-performance web applications.
- ✓ Experienced in optimizing SEO, implementing authentication, and integrating third-party APIs for dynamic content delivery.
- ✓ Familiar with enterprise-grade CMS platforms like Contentful for dynamic content delivery in React apps.
- ✓ Integrated GraphQL APIs for flexible, efficient data fetching in frontend components.
- ✓ Strong understanding of API integration and state management using Redux or Context API.
- ✓ Proficient in Tailwind CSS for building modern, responsive, and utility-first UI designs efficiently.
- ✓ Experienced in translating Figma designs into responsive, pixel-perfect user interfaces.

Backend and Databases:

- ✓ Experienced in full-stack development, with backend logic built using Next.js API routes, Node.js, Express, and MongoDB, as well as secure deployment on AWS Amplify and Cloudflare.
- ✓ Comfortable working with both relational (SQL) and document-based (NoSQL) databases in full-stack applications, with hands-on experience in data querying and CRUD operations.
- ✓ Built real-time applications using WebSockets (Socket.io), implementing user presence, authentication, custom events, and reconnection logic for resilient communication.
- ✓ Proficient in Python, with experience building full-stack web applications using Flask, including routing, templating, and database integration.

DevOps & Tooling:

- ✓ Experience writing unit and integration tests using Jest to ensure code stability and catch regressions.
- ✓ Experienced with modern front-end build tools and pipelines including Webpack, NPM, and GitHub Actions for CI.
- ✓ Experienced with Git for version control, branching strategies, and team collaboration via GitHub.
- ✓ Familiar with continuous integration and deployment (CI/CD) practices, including GitHub Actions for automated testing and deployment workflows.
- ✓ Deployed full-stack applications with environment variable management and secure configuration on AWS Amplify.
- ✓ Skilled at troubleshooting build and deployment pipelines using tools like Webpack and NPM.

Project Management & Workflow:

- ✓ Experienced with Jira, agile workflows (Scrum/Kanban), sprint tracking, and workflow automation.

JOB EXPERIENCE

Web/Application Lead Developer, 7/28/2023 – Present (Fulltime/Remote)

Blue Ribbon IT Services – Maryland, USA

- ✓ Built new frontend features aligned with user feedback and evolving business requirements.

- ✓ Collaborated with designers and backend developers to deliver new features and dynamic content based on business needs
- ✓ Provided ongoing maintenance, troubleshooting, and optimization using performance analytics and Lighthouse audits
- ✓ Utilized modern build tools such as Webpack, NPM, and ESLint for efficient development workflows

Projects:

- ✓ **Blue Ribbon IT Services Website Migration & Redevelopment** – Led the full-stack redevelopment of a legacy JavaScript/React website into a modern, responsive multi-page web application using Next.js, TypeScript, and AWS Amplify. Rebuilt frontend architecture for maintainability and performance. Configured cloud infrastructure and implemented security measures including rate limiting (Upstash), Cloudflare proxy protection, and honeypot-based bot mitigation. Deployed to production with improved reliability, load times, and long-term scalability.
- ✓ **Internal Website (SharePoint)** – Custom developed the company's team sites for collaboration using SharePoint. Created web parts, automated workflows with Power Automate, and built applications with Power Apps to enhance team productivity and collaboration.
- ✓ **Microsoft 365 Administration** – Setup and manage SharePoint site collections and user access, security groups, and licensing to support secure and efficient collaboration across the organization.

React Web Developer, 1/8/2022 – 7/13/24 (Contract/Remote)

Involution AI (Artificial Intelligence) – Virginia, USA

- ✓ Develop and implement custom application features using React, adhering to strict timelines and ensuring high-quality code.
- ✓ Optimize application performance by identifying and resolving bottlenecks, ensuring a seamless user experience.
- ✓ Provide post-launch support and maintenance to address any issues or enhancements required by the client.

Projects:

- ✓ Designed and built responsive, interactive user interfaces using React, ensuring an optimal user experience.
- ✓ Created reusable and efficient components and libraries for future use.
- ✓ Implemented state management solutions such as Redux or Context API to handle application state and ensure data consistency.
- ✓ Integrated front-end components with back-end services and APIs to fetch and display data dynamically.
- ✓ Optimized application performance by monitoring, identifying, and resolving performance bottlenecks.
- ✓ Participated in code reviews, provided constructive feedback, and collaborated with other developers, designers, and stakeholders.
- ✓ Wrote and executed unit tests, debugged issues, and ensured the reliability and stability of the application.

EDUCATIONAL BACKGROUND

- ♦ **Associate of Science in Computer Science (Summa Cum Laude)**
Anne Arundel Community College - Arnold, MD.
- ♦ **Application Programming Certification, 08/18/2023 – Present**
LinkedIn Learning
- ♦ **Game/VR Development Certification, 6/15/2020 – 8/28/2023 (Completed)**
Unity Technologies

- ✓ Built Unity-based 3D game prototypes (endless runner & Superhot-style) to explore C#, OOP, game physics, and VR integration.

- ♦ **Web Development Certification, 8/08/2020 – 6/1/2022**

Code Wizard HQ

- ✓ Completed intensive full-stack training covering HTML, CSS, JavaScript, Python, SQL, and MongoDB. Built and deployed projects using Flask, RESTful APIs, and basic authentication systems. Gained practical experience in web app structure, backend/frontend integration, and database interactions.