ARTEM MURZO
Full-Stack Software Engineer

℡ 757-663-1175   @murzotom@rocketmail.com   ⊙ Reston, VA

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 5+ years of experience specializing in **React, TypeScript, Next.js and Node.js**. Proven track record in the **SaaS sector**, having modernized enterprise platforms and scaled no-code solutions for 20+ large-scale clients. Expert in frontend architecture, performance optimization, and building secure, API-driven systems. Strong background in delivering mobile and web applications within virtualized environments, with a focus on high-quality, maintainable code.

TECHNICAL SKILLS

Front-End Technologies: HTML5, CSS3, SCSS, JavaScript (ES6+), TypeScript, Tailwind CSS, NativeWind, jQuery, Ajax, XML, Dojo.js, JSONForms, PWA (Progressive Web Apps)
Front-End Frameworks & Libraries: React.js, Next.js, React Native, Expo
State management: React Context API, Recoil, Zustand, Jotai
Component Libraries & Data Visualization: Material UI, D3.js, Recharts, Chart.js, Google Maps API, OpenStreetMap API, Leaflet
Back-End & Databases: Node.js, Express.js, MongoDB, Appwrite, Firebase, Apollo Server, GraphQL, RESTful APIs (consumption & integration)
Design & Prototyping: Figma (UI mockups, component design, handoff with designers)
DevOps, CI/CD & Hosting: Git (GitHub/Gitea), TFS, CI/CD workflows, Vercel
Architecture & Patterns: Modular Architecture, Reusable Components, Responsive Design, Accessibility (a11y), Lazy Loading, AI-assisted workflows (generative vs. agentic patterns)
Development Tools: Visual Studio Code, Cursor, GitHub Copilot, ChatGPT, Claude, Gemini, Webpack, Metro, Vite, Babel, Android Studio, MyEclipse,
Testing: Jest, React Testing Library, Storybook
Methodologies: Agile/Scrum

WORK HISTORY

Software Engineer   **Sep 2020 - Present**
Pantheon Inc.   Reston, VA

- **SaaS Product Modernization:** Led the development of *Odyssey Studio*, a **SaaS no-code platform**. Migrated 20+ enterprise clients from legacy systems to a modern React-based stack, improving workflow efficiency by **40%**.
- **Full-Stack Development:** Engineered scalable UI components and integrated them with **Node.js** backends, ensuring seamless data flow and high-performance user experiences.
- **Performance Engineering:** Optimized frontend rendering and data fetching strategies, reducing page load times by **25%** for enterprise users.
- **Legacy Refactoring:** Systematically reduced technical debt by **50%** through modernization of core modules, accelerating the delivery of new SaaS features.
- **Mobile SaaS Extension:** Architected and deployed a **React Native** application to extend SaaS platform functionality to mobile, featuring secure QR-based authentication.
- **AI-Assisted Features:** Built the frontend for an AI code-generation tool, enabling users to create complex UI components within the SaaS platform using natural language prompts.
- **Collaboration:** Partnered with cross-functional teams in an **Agile/Scrum** environment to deliver feature roadmaps and provide technical training to enterprise clients.

Computer Engineer   **Sep 2013 - Nov 2014**
Computer Information Center   The Baikonur Cosmodrome, Kazakhstan

- **Critical Systems Development:** Developed 5+ math-intensive applications for real-time rocket telemetry calculations using Delphi and C++, ensuring 99.9% accuracy in data processing.
- **Algorithm Optimization:** Enhanced trajectory analysis software by implementing advanced algorithms for high-speed flight data processing.
- **Network Infrastructure:** Maintained and resolved critical network issues for high-stakes aerospace operations, ensuring continuous uptime during mission-critical windows.

EDUCATION

Sep 2009 - Jul 2014	May 2015 - May 2019	Aug 2019 - Aug 2020
Master of Applied Mathematics	**Computer Science**	**Web Development**
Moscow Aviation Institute, Russia	Tidewater Community College, Virginia Beach	Online boot camps & courses

FIND ME ONLINE

🌐 **LinkedIn**   🌐 **Personal Website**   🌐 **GitHub**
linkedin.com/in/artemmurzo   earthddx.github.io/personal   github.com/earthddx