

SAMUEL PILATO

FULL-STACK SOFTWARE ENGINEER

San Antonio, TX | samuel.r.pilato@gmail.com | (210) 454-0968 | linkedin.com/in/SamuelPilato

PROFESSIONAL SUMMARY

Software engineer with 6+ years of professional experience, including 3+ years building full-stack web applications. Develops production software using React, Next.js, TypeScript, NestJS, C#/.NET, REST APIs, and relational databases. Experienced delivering secure application workflows across frontend and backend systems, from technical design through testing and release.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, SCSS

Backend & Data: NestJS, C#, ASP.NET Core, REST APIs, PostgreSQL, MySQL

Languages & Testing: TypeScript, JavaScript, C#, Python, Java, C++; Jest, Mocha, unit and integration testing

Security & Delivery: OAuth, JWT, role-based access control; AWS, Docker, GitLab CI/CD, Jenkins, Git

PROFESSIONAL EXPERIENCE

Omni Federal | Software Engineer Dec 2024–Present · Remote

- Own full-stack delivery of production features using Next.js, React, TypeScript, NestJS, PostgreSQL, and REST APIs, from requirements and technical design through release.
- Build secure, data-driven administrative workflows including portfolio management, user provisioning, role-based access control, system assignments, and feature-gated behavior.
- Implement UI components, API endpoints, data models, database migrations, authorization logic, and automated tests as integrated features.
- Review code, investigate cross-layer defects, and support deployments using AWS, Docker, and GitLab CI/CD; use AI coding tools with engineering review and validation.

Jacobs / Nemean Solutions | Software Engineer Apr 2023–Dec 2024 · Remote

- Built and shipped full-stack web applications using React, C#, ASP.NET Core, and REST APIs, connecting responsive interfaces with backend services.
- Implemented authentication and authorization with JWT and OAuth and maintained relational database schemas and application workflows.
- Improved application performance and maintainability through query optimization, refactoring, and code reviews; collaborated with engineering and QA on delivery.

CNF Technologies | Junior Software Engineer May 2020–Apr 2023 · San Antonio, TX

- Developed and maintained software applications in C++, Java, and Python for government contracts, implementing features to meet customer and project requirements.
- Debugged application behavior, addressed software defects, and collaborated with engineers and QA to test and deliver contract software.

EDUCATION & CREDENTIALS

University of Texas at San Antonio | B.S. Computer Science, Dec 2022

Active Top Secret DoD Clearance | Scrum Developer — International Scrum Institute