

# Aaron Murillo

Software Engineer

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[GitHub](#) | [Portfolio](#)

## PROFESSIONAL STATEMENT

Software Engineer combining **4 years** of production experience with continuous learning mindset. Built everything from real-time systems to e-commerce platforms using modern tech stacks. Excited about tackling ambiguity, scaling systems, and contributing to products that impact millions.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML5, CSS3, Python, SQL, C, C++, C#

**Frameworks/Libraries:** React.js, Redux, Node.js, Express.js, Django, Next.js, Bootstrap

**Databases:** PostgreSQL, MySQL, MongoDB, Firebase

**Tools & Methodologies/UX/UI:** Git, GitHub, Postman, Jest, Docker, REST APIs, OpenAI, Agile, Scrum, Balsamiq, Adobe XD, Red Hat

## PROFESSIONAL EXPERIENCE

**MILVETS Systems Technology Inc., Albuquerque, NM**

**February 2024 – March 2025**

**Software Engineer Mid-level**

- Engineered high-availability C++/Python systems for real-time military operations.
- Created next-generation training simulations using real-time data processing and 3D visualization.
- Led end-to-end SDLC for 3 major defense projects using Agile/SAFe, delivering **100% on schedule**.
- Reduced system downtime by **35%** through proactive debugging and performance optimization.
- Designed compilers and OS utilities meeting strict DoD compliance standards.

**New Mexico Army National Guard, Albuquerque, NM**

**April 2019 - March 2025**

**Military Police (Part Time: one weekend a month)**

- Play a critical role in security operations and enforcement for key federal missions such as Operation Allies Welcome and COVID-19 support, earning the Army Achievement Medal for outstanding training performance.
- Lead security checks, activity investigations and crowd control in collaboration with interagency partners, acquiring expertise in law enforcement tactics and security equipment management.

**Technology Solutions Labs, Albuquerque, NM**

**January 2023 - June 2023**

**Full Stack Developer (Contract)**

- Optimized React/Node.js checkout flow, contributing to improved conversion rates.
- Enhanced database performance through PostgreSQL/MongoDB query optimization and indexing.
- Implemented Docker/Kubernetes CI/CD pipelines, reducing deployment time from hours to **under 30 minutes**.
- Built comprehensive test automation suite using Python/Selenium/Jest.

**Deep Dive Coding, Albuquerque, NM**

**October 2022 - December 2022**

**Full Stack Web Developer**

- Built scalable e-learning platform using PERN stack with real-time features.
- Developed RESTful APIs with efficient data pagination and caching strategies.
- Shipped multiple full-stack applications using React, TypeScript, and Express.js.

**Freelance, Remote, US**

**April 2021 - October 2022**

**Frontend Developer**

- Optimized frontend performance for 10+ client websites using modern techniques.
- Improved user experience through responsive design and performance enhancements.
- Implemented lazy loading, code splitting, and asset optimization best practices.

## EDUCATION/ CERTIFICATIONS

**Bachelor of Science, Computer Science**, American Military University

**in Progress**

**Associate of Applied Science, Business Administration**, Central New Mexico Community College

**2023**

**Certificate of Completion**, Deep Dive Coding Full Stack Web Development Bootcamp CNM Ingenuity

**2022**