

Jorge Aponte

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U.S. Army veteran transitioning from a decade of experience as an Aircraft Mechanic to a career in software engineering. Actively seeking an internship to gain hands-on experience and further develop my skills as a Software Engineer. With an active Secret clearance, I aim to apply my military discipline, robust work ethic, and problem-solving skills to make a valuable contribution to a software engineering team.

TECHNICALLY PROFICIENT

PROGRAMMING LANGUAGES: Java, JavaScript, Python, Typescript

OPERATING SYSTEMS: Windows, Linux

DEVELOPMENT TOOLS AND FRAMEWORKS: React, HTML5, CSS3, Tailwind CSS, SQL (MySQL, PostgreSQL), NoSQL (Dynamo DB, MongoDB), AWS, Bootstrap, Node.JS, Express, Next.JS, Authentication (auth0, Next-Auth), UI Libraries (Material UI, ShadCN UI, Daisy UI)

DATA HANDLING: Data Structures and Algorithms, Distributed Systems, Cloud Computing Basics

METHODOLOGIES: Agile/Scrum, Project Management, Product Backlog management, Test-Driven Development, Continuous Integration/Continuous Deployment

PROFESSIONAL ACUMEN: Team Collaboration, Problem-Solving, Effective Communication, Military Decision Making Process, Adaptability, Discipline

EXPERIENCE

TLG Learning – Remote, Seattle February 2023 – June 2023 Pre-Apprenticeship, Software Development Engineer

- Working with Java, JavaScript, HTML5, CSS, and Python in an instructor-led environment, culminating in a 4-week capstone with practical applications and presentations.
- Designed and developed a full-stack e-commerce website using JavaScript, HTML, CSS, Node.js, Mongoose, MongoDB, and integrated APIs such as Auth0 for authentication, Stripe for payments, and Socket.IO for real-time updates. The website, a plant-based marketplace, features user login, a real-time shopping cart, and a secure checkout process. Managed hosting on Render and implemented MongoDB for storing users' login information and cart items, with plans for future enhancements, including guest checkout functionality.

Post-Military: I was contracted as a UH-60 Mechanic for DynCorp in Afghanistan and as Lead Aircraft Mechanic for Mitsubishi in Moses Lake before beginning my Computer Science and Software Development career.

U.S. Army – Fort Lewis, WA September 2012 – March 2018 Aircraft Mechanic

- Performed comprehensive maintenance on UH-60 helicopters, including scheduled and unscheduled repairs, phase inspections, and modifications, ensuring optimal performance and safety.
- Supervised and managed maintenance teams across multiple locations, overseeing scheduling, flight operations, and logistical movements of personnel and resources.
- Maintained strict adherence to government standards for aircraft logs and records while demonstrating proficiency in firearms safety and use.

EDUCATION

- The Pennsylvania State University, PA, Pursuing Bachelor of Science in Software Engineering, 5/24
Expected graduation: 8/26

- Big Bend Community College, WA, 1/22 – 4/24, President's List [Winter/2022, Fall/2022]