

Armando Magana

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TECHNICAL SKILLS: Java, JavaScript (Ext.js, Vue.js, React.js (MUI, Axios)) C# .NET Entity Framework, Azure Functions, SQL Server 2019, Bash Scripting, OSGi, JPF, REST, Springboot, Junit testing, Cypress, Eclipse, IntelliJ, Visual Studio, Git, Gradle, Jenkins, SonarQube, Confluence, Jira, Agile (Scrum), Linux, WireShark, Redsim, TENA, HLA, DIS, System Architecture

PROFESSIONAL EXPERIENCE

QinetiQ U.S

Remote

Full Stack Software Engineer Team Lead

Oct 2023 – Present

- Led the development of an Installation Management Application for the U.S. Army Corps of Engineers, serving as both a Software Engineer and Team Lead.
- Managed a team of 5 developers, overseeing their tasks and regularly reporting to the DTG Co-Lead on project status and progress.
- Advised project management on development architecture, including UX design, and implemented React libraries to enhance the visualization of installation financial cost analysis.
- Played a pivotal role in the successful implementation of the database for the new application.
- Mentored junior developers in backend CRUD operations, utilizing C#, Entity Framework, and Azure Functions to ensure a robust and efficient system.

Huntington Ingalls Industries (Mission Technologies)

Remote

Full Stack Software Engineer (Mid)

Jun 2021 – Oct 2023

- Software Engineer and team Scrum Master responsible for managing and developing modeling and simulation software as part of the Navy's Continuous Training Environment (NCTE) with a primary focus on data translation between different components, systems, and architectures
- Worked with multiple cross-functional teams within different company departments to engineer back-end/ front-end solutions; thrived under Agile/Scrum methodology, rapidly delivering updates to 2 separate applications in a fast-paced environment
- Engineered modular, secure, and well-tested code in Java and JavaScript (Vue) used within live joint military global exercises
- Performed systems/application design; conducted unit and integration testing of application modules
- Implemented frameworks/exploration of leading-edge commercial technologies through integration of technology and delivering solutions
- Performed regression testing using specialized software to meet compliance with IEEE and government-designed Simulation specs

Alion Science and Technology

Norfolk, VA

Full Stack Software Engineer Associate

Apr 2019 – Jun 2021

- Contributed to the development of new functionality and implementation of new features for the JBUS application leading to the expansion of the Live Virtual Constructive (LVC) program for the Navy Continuous Training Environment (NCTE)
- Provided maintenance/support to the JBUS application by adding new features, fixing bugs, and performing release tasking and bundle deployment validation; played a significant role in transitioning applications with over 1,000,000 lines of code to the OSGi framework
- Worked with diverse teams and customers to engineer solutions for rising customer needs
- Conducted unit and integration testing of application modules

US Navy (Reserve)

Various Locations

Operations Specialist (Chief Petty Officer)

Nov 2009 – Present

- Navy Liaison with Coast Guard Port Security Unit 301 under Maritime Expeditionary Security Group Two
- Established relationships with Coast Guard counterparts for future joint training and operations in a maritime expeditionary domain
- Senior Enlisted Leader for USFF NR (U.S. Fleet Forces - Reserve) augment unit; responsible for supporting the Commanding Officer and Department Heads with unit requirements, including inspections, qualifications, and enlisted personnel management
- Work Center Supervisor for the OI40 work center onboard the USS Theodore Roosevelt (CVN-71)

EDUCATION

Southern New Hampshire University

Manchester, NH

B.S. in Information Technologies: Concentration in Software Development), *Magna Cum Laude*

Dec 2018

Boston University

M.S in Software Development

Present

ADDITIONAL

- **Active Secret Security Clearance**
- **Certifications:** CompTIA Linux + (Powered by LPI), 2019 | CompTIA Security + 2020 (Exp. 2026)
- **Languages:** Spanish (fluent)