

PATRICIO DE TORRES

SOFTWARE ENGINEER | QUALITY ASSURANCE | DATABASE ENGINEER

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Detail-oriented developer with hands-on experience in VR, mobile, and cloud-based applications. Proficient in building scalable solutions using Java, Python, and Node.js, with a strong foundation in software engineering, agile practices, and cross-platform development. Adept at collaborating across teams to deliver high-quality user experiences and robust backend services.

TECHNICAL SKILLS & PROFICIENCIES

Software Development

- Java
- Python Scripting
- JavaScript

Automated QA Testing

- Selenium
- TestNG
- Device Farm

Project & Development Tools

- Agile Methodologies
- CI/CD Pipelines
- Test Case Management

Database Management

- MySQL
- Firebase
- MongoDB

Accessibility & UX

- Usability Testing
- Web Accessibility Testing
- Cross-Platform Compatibility

General QA Skills

- Functional Testing
- Regression Testing
- Performance Testing

PROFESSIONAL EXPERIENCE

Mobile Quality Assurance Engineer | Spanish Broadcasting Systems

2024 - Present

- Conduct comprehensive testing of software applications to identify, document, and track defects.
- Develop and execute test cases, test scripts, and automated testing solutions using Appium and Python for mobile platforms.
- Collaborate with developers and product teams to ensure quality assurance standards are met throughout the software development lifecycle.
- Perform functional, regression, and user acceptance testing to validate application performance and reliability.
- Utilize AWS Device Farm for cross-device and compatibility testing, ensuring optimal performance across multiple platforms.
- Analyze test results, generate reports, and provide recommendations for improving software quality.

Software Developer | Arcvale

2022 - 2024

- Led development of a Virtual Reality (VR) application for the Oculus platform with experimental AR compatibility.
- Developed proficiencies in industry-standard software including Unity, Oculus SDK, and AWS.
- Managed client projects focused on cloud-based services and Metaverse development.
- Integrated API solutions and optimized application performance to ensure seamless user experience.

EDUCATION

Bachelor of Science in Information Technology | Florida State University

2019 - 2023

- Minor: Computer Science

ADDITIONAL INFORMATION

- **Languages:** English, Spanish
- **Awards/Activities:** Best Innovation Award - Arcvale (2023), Outstanding Contributor Award - Seminole Innovators (2023)