PATRICIO DE TORRES

SOFTWARE ENGINEER | FULL STACK DEVELOPER | QUALITY ASSURANCE

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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

Database Management

- MySQL
- Firebase
- MongoDB

Automated QA Testing

- Selenium
- TestNG
- Device Farm

Accessibility & UX

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

Project & Development Tools

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

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.
- Developed and executed test cases, test scripts, and automated testing solutions using Appium and Python for mobile platforms.
- Collaborated with developers and product teams to ensure quality assurance standards are met throughout the software development lifecycle.
- Performed functional, regression, and user acceptance testing to validate application performance and reliability.
- Utilized 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 proficiency 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.

Full Stack Developer | Pipefile   **Present**

- Designed and implemented a custom CMS using Netlify and Docker to support programmatic SEO.
- Optimized site structure and metadata to improve search visibility and yields.
- Integrated scalable backend workflows to streamline content publishing and deployment.

EDUCATION

Florida State University   **2019 - 2023**
Bachelor of Science in Information Technology
Minor: Computer Science

ADDITIONAL INFORMATION

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