

Arnaldo "AJ" Barea

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Summary

Detail-oriented Software Engineer with 1 year of experience developing and supporting internal tools. Proven ability to leverage Python, React, Spring Boot, and SQL to deliver efficient solutions. Adept at collaborating in Agile environments and documenting complex processes. Seeking a full-time opportunity to contribute technical expertise and join a growing team.

Skills

- Programming Languages: C++, Python, Java, C, JavaScript (Angular/React)
- Databases: SQL
- Version Control: Git, Perforce
- Development Tools: Atlassian Suite (Confluence, Bitbucket, Jira), PuTTY, SSH, Visual Studio Code
- Operating Systems: Windows, Linux
- Methodologies: Agile (Scrum)

Experience

Software Engineer (Contractor) | Lowe's Home Improvement (Revature) | Rochester, NY | Feb 2023 – Present (1 Year)

- Built a full-stack React/Spring Boot application that streamlined support processes for querying multiple databases, improving efficiency.
- Created comprehensive documentation for onboarding new engineers, setting up development environments, and using internal tools.
- Analyzed and resolved support tickets by investigating root causes in C code and manipulating databases with SQL queries.
- Implemented code changes through Bitbucket feature branches to fix bugs and clean up error logs.
- Collaborated effectively in agile development cycles, including stand-up meetings, sprints, retrospectives, and future planning.
- Maintained project visibility by documenting source code analysis findings in Jira and tracking team progress on all work (support tasks, code changes, Jira tickets, documentation updates) through Confluence.
- Reduced daily error messages by 150,000 (5,000 messages/RDC * 30 RDCs) across all Regional Distribution Centers by fixing minor bugs in a large codebase, streamlining log analysis and improving system efficiency.

UX Developer Intern | Phiquest | Tampa, FL | Mar 2022 – May 2022

- Designed wireframes for a small web development team.
- Developed a blockchain data structure using Node.js to integrate and implement a document authenticator Chrome extension.

Education

Bachelor of Science in Computer Engineering | May 2022 | University of South Florida, Tampa, FL

Honors & Awards

- Certificate of Performance – Jeremy Ramos Phiquest (2022)
- NSLS | The National Society of Leadership and Success (2019)
- Florida Bright Futures Scholarship
- Doorways/Take Stock in Children Scholarship