PAUL ALEXIS CERA

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PROFESSIONAL SUMMARY

Skilled Software Engineer with a strong background in Java, Spring Boot, and JavaScript. Proficient in developing and optimizing backend systems and contributing to frontend solutions. Known for delivering impactful solutions and driving performance improvements. Knowledgeable in React and other technologies, with a commitment to continuous learning and effective software development.

TECH STACK

- Java
- Spring Boot, Spring MVC, Hibernate
- PostgreSQL, JPA, JPQL
- Amazon S3, Amazon SQS

- JUnit, Sonarqube
- Javascript, JQuery, React.js, CSS, HTML, Tailwind
- Git, Maven
- Atlassian Tools (Jira, Confluence, Bitbucket)

WORK HISTORY

Software Engineer / Technical Lead, 11/2020 - 11/2023
Edusuite – Muntinlupa, Metro Manila (Remote)

Technical Leadership:

- Led the core team as a Technical Lead for 3-4 months, participating in numerous meetings and leading discussions to align the team with project goals.
- Acted as the key resource for colleagues encountering issues, providing guidance and solutions.

Full Stack Development:

- Designed, developed, and maintained a comprehensive school management system, working on both frontend and backend.
- Created and optimized new features, ensuring the application met high standards of functionality and performance.

Frontend Development:

- Utilized plain JavaScript and jQuery, alongside Thymeleaf, to generate dynamic HTML content.

Backend Development:

- Employed Java, Spring Boot, Hibernate, and Maven for backend development.
- Developed numerous APIs to serve as the backbone of the web application.

- Utilized PostgreSQL with JPA and JPQL for database management.
- Implemented unit and integration tests using JUnit and Mockito to ensure robust code.

Agile and Scrum Practices:
- Actively participated in Agile methodologies, including bi-weekly sprint planning sessions and daily stand-ups.
- Created high-level implementation details for Jira cards to guide development.

Code Quality and Optimization:
- Maintained clean, maintainable, and testable code using SonarLint and SonarQube to track and address code smells.
- Achieved an 80% reduction in report generation time through code optimizations.

Tools and Technologies:
- Employed Atlassian tools (Jira, Confluence, Bitbucket) for project management and collaboration.
- Used Git/Bitbucket for version control and repository management.
- Integrated Amazon S3 for data storage and Amazon SQS for managing the enrollment process queue.

Intermediate Systems Integrator, 07/2015 - 02/2020
OpenText – Makati City, Metro Manila, Philippines
- Initiated and developed a Java Swing application to bridge the gap between two internal processes, resulting in an approximate 0.25 FTE savings for analyst and developer resources.
- Demonstrated initiative and innovation by creating the Java Swing application outside the scope of my role.
- Developed, tested, debugged, and supported PERL/UNIX shell scripts for integrating maps and trading partners into managed services solutions.
- Provided support and collaboration with analysts and developers to ensure seamless integration and process improvements.
- Leveraged Java and scripting skills to enhance internal processes and contribute to overall system efficiency.

EDUCATION

Bachelor of Science: Computer Science, 11/2014
Mapua Institute of Technology - Makati City, Metro Manila, Philippines