ASANDA MBANGATA

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Summary

Aspiring Software Developer with a solid foundation in full-stack development, backend integration, and database management. Proficient in Java, SQL, and JavaScript, with practical experience using Spring Boot and PostgreSQL. I am passionate about creating reliable and user-friendly software solutions, with a strong interest in software testing, debugging, and quality assurance. Known for being a fast learner, problem-solver, and team player with a sharp eye for detail and a commitment to continuous improvement. Currently seeking opportunities to contribute to innovative projects and grow within a dynamic development team.

Education

Mfazwe Comprehensive Technical High School
National Senior Certificate (NSC)   01/2019 - 12/2021

Cape Peninsula University of Technology, CPT, WC
Diploma in ICT Application Development

02/2022 - 12/2024

Cape Peninsula University of Technology, CPT, WC
Advanced Diploma in ICT Application Development   01/2025 - 12/2025

Experience

Software Developer Intern Volunteer, Diamond Pinnacle
Start Date: 09/2024 – 12/2024

- Collaborated on front-end designs using Figma to ensure consistency and usability of the Timesheet Management Desktop app.
- Developed responsive UI for a desktop application using Java and JavaFX, focusing on creating a seamless user experience.
- Worked with tools such as GitHub for version control, ensuring proper documentation of code changes.
- Participated in backend setup with Spring Boot to build RESTful APIs, emphasizing clear documentation and API descriptions for internal use.
- Conducted unit testing to ensure software quality, with documentation of test cases and results.

Skills

Programming Languages
- Java (Object-Oriented Programming), Python, JavaScript, HTML, CSS, PHP

Database Management
- Relational Database (SQL), PostgreSQL

Frameworks and tools
- Spring Boot, Laravel, SDLC (Software Development Life Cycle)

Documentation Tools
- MS Word, Notion

Soft Skills
- Adaptability
- Problem-solving
- Effective communication
- Attention to detail and accuracy
- Teamwork
- Time management

Academic Projects

- Student Enrollment System (Java & SQL)
  - Developed the database part of the project using relational database SQL and Java.
  - Worked effectively in a team to ensure project completion, demonstrating strong teamwork and time management skills.

- Event Management Website (HTML, CSS, JavaScript, PHP)
  - Collaborated on the design and functionality of the website.
  - Gained experience in front-end and back-end development, requiring clear communication and project management.

- Animal Shelter Application (Capstone Project)
  - I participated in backend design using Spring Boot and wrote unit tests to ensure code reliability.
  - Contributed to the front-end development using Swing and implemented Spring Security for authentication.
  - Demonstrated problem-solving skills by debugging and optimizing the application for better performance.

Links

GitHub Account - https://github.com/AsandaMbangata