Busiswa Matomela

Software Developer

Motivated and adaptable Software Developer with experience in building scalable, user-friendly software solutions. Proficient in modern web and mobile technologies, including React, TypeScript, Node.js (ExpressJS with FeathersJS framework), and Docker. Skilled in designing relational databases (PostgreSQL) and crafting efficient APIs. Passionate about delivering clean, maintainable code while staying up to date with emerging technologies.

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Professional Experience

Software Developer Intern
Momentum Multiply | April 2024 – September 2024

- Built and maintained web applications using Java, Spring Boot, and Thymeleaf for dynamic content rendering.
- Developed RESTful APIs using Python (Flask) and Node.js with FeathersJS framework.
- Designed database schemas and optimized queries for PostgreSQL to enhance application performance.
- Used Docker to containerize applications, improving scalability and deployment efficiency.
- Documented technical workflows and collaborated with cross-functional teams to meet project requirements.
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Bootcamp Assistant
WeThinkCode_ | Cape Town | April 2023 – August 2023

- Mentored students in React and TypeScript for front-end development and Ionic for mobile applications.
- Guided learners in integrating Node.js back-end APIs with PostgreSQL databases.
- Provided troubleshooting support for full-stack projects, including JSON data handling and AJAX.
- Conducted workshops on using Docker for development and deployment workflows.

Volunteer Student Tech

WeThinkCode_ | Cape Town | April 2023 – December 2023

- Assisted teams in creating full-stack projects using React, PostgreSQL, and FeathersJS.
- Configured Docker containers for development environments and deployment pipelines.
- Supported students in debugging issues related to web performance and database connectivity.

Video Editor, QA, and Researcher

ASK AFRICA | 2015 – 2017

- Conducted research to gather and analyze data for client projects, contributing to informed decision-making.
- Edited and optimized video content to meet client specifications, ensuring quality deliverables.
- Provided quality assurance for project workflows, identifying and resolving inefficiencies.

Technical Skills

Programming Languages:

- Java, Python, JavaScript (ES6+), TypeScript, SQL, Dart.

Web Development:

- React, Ionic, Thymeleaf, AJAX, JSON.

Back-End Development:

- Node.js (Express.js and FeathersJS), Spring Boot, Flask.

Database Management:

- PostgreSQL, MySQL, MongoDB.

Mobile Development:

- Cross-platform applications using React & Ionic.

Containerization & DevOps:

- Proficient in Docker for application development and deployment.

API Development & Testing:

- RESTful API design and testing using Postman.

Tools & Version Control:

- Git, GitHub, Visual Studio Code, IntelliJ IDEA, Figma.

Education

Certificate in Software Engineering
WeThinkCode_ | 2024

- Relevant coursework: Full-Stack Development, Mobile Application Development, Database Management, and Containerization with Docker.

Key Competencies

- **Learning Mindset:** Demonstrated ability to learn new technologies like TypeScript and Docker.
- **Problem-Solving:** Logical and analytical approach to debugging and system optimization.
- **Team Player:** Skilled at collaborating with diverse teams to achieve shared goals.
- **Time Management:** Efficiently prioritized tasks to meet deadlines and deliver projects on time.
- **Communication:** Effectively articulated technical concepts and solutions to team members and stakeholders.
- **Initiative:** Proactively contributed to improving workflows and processes in projects.