Mpho Vincent Makgwe

Full-Stack Developer

Profile

Dynamic and solutions-oriented Full-Stack Developer with a strong background in backend and full-stack software development. Proven expertise in building scalable and efficient software solutions, implementing complex data structures, and leading impactful projects. Known for analytical problem-solving, commitment to coding standards, and effective teamwork.

Contact

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Technical Skills

- **Frontend**: HTML5, CSS3, Tailwind CSS
- **Backend**: Node.js, Express.js, Spring, JDBC
- **Databases**: MySQL, MongoDB, Firebase
- **Languages**: Java, JavaScript, TypeScript
- **Frame Works**: Angular, React.Js, Next.Js, Spring, Spring Boot
- **Version Control**: Git, GitHub
- **Other**: API development, JSON, XML, ESLint

Interests

- Full-Stack Mastery.
- Knowledge Enrichment with seniors.
- Mobile development
- Cloud & deployment technologies.

Education

Full-Stack Java Developer
Deviare, March - September 2024
Full-Stack JavaScript Specialist
CodeSpace Academy, February 2023 - December 2023 (Graduating January 2024)
Orbit Tvet College, 2019 - 2020
N2 Certificate in Mechanical Engineering (Fitting and Turning)
Bafokeng High School, 2018
National Senior Certificate

Key Projects

Full-Stack JavaScript Specialist
CODESPACE ACADEMY
RECIPE APP

- Deployed a recipe management app, integrating MongoDB for data storage and JWT for user authentication, leading to a seamless UX.
- Engineered user-friendly recipe management systems integrated with MongoDB.

Full-Stack Java Developer
DEVIARE
LOCKEDME.COM APP

- Reduced API response time by 40% through optimization techniques and proper indexing in MongoDB.
- Developed a digital application to manage file retrieval, addition, deletion, and search operations using Java, Eclipse, and Git.
- Implemented Java concepts, data structures, and algorithms in a 2-sprint Agile environment.

MEDICARE APP

- Developed a full-stack Medicare management application using Angular for the front end and Node.js with Express for the back end.
- Implemented secure user authentication and authorization using JWT (JSON Web Tokens).
- Utilized Jenkins to set up a CI/CD pipeline, automating the build, testing, and deployment processes for faster and more reliable releases.

Certifications

- **Full-Stack Java Developer Certification**
  Deviare
- **Full-Stack (Javascript)Software Engineering Certification**
  CodeSpace Academy,
- **Mechanical Engineering**
  Orbit Tvet Collewge