REFILOE MOKHOTHOTSO

Software Engineer

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PROFESSIONAL PROFILE

Results-driven Software Engineer with 3+ years of experience in designing, developing, and optimizing web and mobile applications. Proficient in modern technologies including JavaScript(React,Node.js,Angular,Vue)Python,PHP,Java,C# and .NET framework, with expertise in building scalable and maintainable solutions. Skilled in leveraging cloud platforms like Azure and implementing DevOps practices to streamline deployment pipelines. Adept at collaborating with cross-functional teams to deliver user-centric applications while ensuring robust performance and security.Demostrated ability to lead projects, enhance UX/UI design in using Figma,and implement SEO strategies to maximize product visibility. Passionate about solving complex problems, innovating solutions, and delivering high-quality code aligned with industry best practices.

WORK EXPERIENCE

SOFTWARE ENGINEER

Seventynine Digital, Midrand   Jan 2024-Dec 2024

- Led the development of a new website using the React framework, enhancing scalability and user experience.

- Collaborated within a cross-functional team to improve an Angular-based web application's functionality.

- Designed and executed test cases tailored to React and Angular components, increasing software stability by 20%.

- Implemented RESTful APIs for seamless front-end and back-end integration.

- Optimized on-page SEO elements, leading to improved search engine rankings.

- Applied Agile methodologies, contributing to timely project deliveries and effective team collaboration.

JUNIOR SOFTWARE DEVELOPER

2Bros Traders   May 2022-Dec 2023

- Assisted in the development of identity management infrastructures and tools.
- Supported internal and external client requests, including proposal preparation and project documentation.

- Participated in the creation of technology demonstrators and the development of secure coding practices.

- Worked with mentors and team leaders to build a professional track record and contribute to impactful projects.

- Conducted software testing and debugging, increasing software stability by 20%.

- Participated in Agile ceremonies, ensuring effective project tracking and communication.

WEB DEVELOPER VOLUNTEER

2Bros Traders   Nov 2021-April 2022

- Designing and developing web applications
- Debugging and maintaining code
- Collaborating with teams to implement UX/UI designs with Figma
- Optimizing website performance and responsiveness
- Created a blog platform with Front – end functionality using React.js

EDUCATION

Bachelor of Science in Software Engineering with Multimedia

Limkokwing University of Creative Technology,Maseru ,Lesotho   Aug 2019- Oct 2023

CERTIFICATES

Blockchain Developer|Simplilearn   January 2025

Digital Transformation with Google Cloud|Google via Simplilearn   January 2025

Azure Fundermentals|Microsoft via Simplilearn   January 2025

Introduction to Generative AI Studio|Google via Simplilearn	January 2025
Introduction to Responsible AI|Google via Simplilearn	January 2025
Responsible AI:Applying AI Principles with Google Cloud|Google via Simplilearn	January 2025
Business Analytics|Microsoft via Simplilearn	January 2025
Introduction to Data Analytics|Simplilearn	January 2025
Certified Associate Project Manager Course Training|Simplilearn	January 2025
SAP on AWS (Technical) |AWS via Simplilearn	January 2025

SKILLS

- **Programming Languages**: Java, JavaScript, Typescript, PHP, Python, C#.

- **Frameworks & Tools**: React.js, Node.js, Angular, Next.js, Node.js,.NET.

- **Tools and Platforms**:Docker,Kubernetes,Git,Jenkins,Azure DevOps,AWS.

- **Databases**: MySQL, PostgreSQL, MongoDB, Microsoft SQL Server, Superbase.

- **Operating Systems**: Windows, Linux.

- **Other Skills**: REST APIs, Unit Testing, CI/CD, Agile Development, Blockchain, Data Analytics, AI, Machine Learning.

- **Soft Skills**:Problem-Solving,Collaboration,Time Management,Leadership,Critical Thinking

PROJECTS

Fake Certificate Detector Using CNN: The Fake Certificate Detector is a machine learning model that uses Convolutional Neuron Network and Python libraries like Numpy, Sci-kit learn and others to detect whether a certificate is an original certificate or a fake a certificate. The model is trained with the security features that are extracted from the certificate, so if someone presents features that are different from those that the model has learned, it will be classified as fake.

Calmly: It is a JavaScript and React.js project that provides mental health exercises and wellness tips to its users. It also has an AI chatbot which uses can use to ask questions on advices, tips and exercises.

REFERENCES

AVAILABLE UPON REQUEST