KEKGAUGETSWE MALOPE SEBATI

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PROFESSIONAL SUMMARY

Dynamic and detail-oriented software engineer with a BSc in Mathematical and Computer Science, with over 3 years of proven experience in programming excellence. Specialized in full-stack development, with a focus on coding mobile applications using .NET MAUI, developing microservices with C# for APIs, and crafting intuitive front-end interfaces with Vue.js. Expanding expertise in Angular for broader front-end capabilities. Proficient in deploying applications on Linux and Windows servers hosted on AWS, utilizing Docker and GitHub Actions for continuous integration and deployment automation. In parallel, actively pursuing an Honours in Computer Science, showcasing commitment to ongoing academic and professional growth.

TECHNICAL SKILLS

Language: C#, VB.Net, SQL (MS-SQL, Postgres, MySQL), JavaScript, HTML, XML, JSON, CSS.
Frameworks: ASP.NET (.NET Core, MVC), jQuery, ReactJS, Vue, Angular.
DevOps and API Tools: IIS, Git, Docker, Azure DevOps, Swagger, Postman.
Cloud and Security Tools: AWS, Azure Cloud, SQL Server, Linux (configuring and managing).
Others: (Data modelling, Agile (Scrum/kanban), SOLID, design Patterns, Debugging.

EXPERIENCE

Software Engineer | *Doosy LTD PTY.*   *May 2021- Present*

- Spearheaded the development and deployment of comprehensive banking systems, Point of Sale (POS) solutions, and fleet management systems, encompassing web applications, mobile apps, and APIs.
- Independently managed deployment processes for API, web application, and security components across these systems.
- Collaborated with team members to enhance user experience, resulting in increased engagement and improved response times.
- Led deployment efforts, ensuring seamless operation and efficient service delivery.
- Modified and improved functionality to align with requirements and optimize overall performance.
- Implemented DevOps practices, utilizing tools like GitHub Actions for continuous integration and deployment to cloud platforms.
- Implemented security measures in collaboration with security teams to ensure robust and secure architectures.
- Contributed to overall software development plan alignment with project objectives.
- Assisted in modification of both front-end and back-end functionalities.

Database Administrator | *Leshikishiki Secondary School*   *December 2020- April 2021*

- Include Assistance with data management of the school by updating and presenting captured data report need by SMT in SA-SAMS such as reporting weekly/monthly attendance, learner performance, and assignment of book to new enrolled learners.
- Allow easy access to resources for both teachers and learners.

Computer Lab Assistant | *University of Limpopo*   *January 2019 – December 2019*

- Ensure access to internet with both LAN and WAN network, installation of application software and antivirus, attend desktop errors, set up hardware and allow easy access to resources.

EDUCATION

University of South Africa   **Honours In Computing |**NQF8   *2023-Present*
Majors: Research Methods and Proposal, Honours Research Report, Machine Learning, Logic-Based Reasoning, Software Engineering, Software Project Management, Enterprise Architecture, Natural Language Processing.
University of Limpopo.   **BSc Computer Science |**NQF7   2016-2019
Majors: Introduction to Database Systems, Computer Networks, Artificial intelligence, Operating Systems, Applied Linear Regression, Time series Analysis, Design and Analysis of Experiments, Sampling theory.
St Francis Catholic Academy.   **National Senior Certificate |**NQF4   2011-2015
Subjects: English, Sepedi, Mathematics, Life Orientation, Computer Application Technology, Life Sciences, Physical Sciences.

PROJECTS

KMA | Vue.js, AWS Cloud (Linux servers), Docker, ASP.NET (Net Core), .NET Maui (Xamarin)   *June 2023*
Description: Independently managed deployment processes for the KMA project, which involves developing a system with Vue.js frontend, ASP.NET backend, and .NET Maui for cross-platform mobile app development. This project focuses on a specific service (please provide service details if available).

ONUS | *Vue.js, AWS Cloud (Linux server), Docker, ASP.NET (Net Core), .Net Maui (Xamarin)* July 2021
Description: Spearheaded the development and deployment of the Onus project, a comprehensive suite consisting of a web application, mobile app, and APIs. This project aims to provide users with a seamless experience for task management and collaboration.