

Thulani Mpofu

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Experience

2023 – APRIL 2024

Software Engineer | Eblocks Software | South Africa

- Key contributor to the development of a recruitment application, streamlining job post creation and application processing.
- Utilized Angular and ASP .NET Core for front-end and backend development respectively, ensuring seamless functionality.
- Implemented MongoDB for NoSQL data storage, optimizing data management processes.
- Established CI/CD pipelines and Docker for efficient application deployment and scalability.

Skills

• Java • PHP • Python • Kotlin • JavaScript • NoSQL • SQL • C# • RESTful • TypeScript • SOAP • Azure DevOps • Angular • Cypress Automation Testing • Karma Automation • ASP .NET Core • CI/CD • Karma • Docker • Git

Education

2021 -2022

Bachelor of Science Honors in Information Technology | Eduvos University | South Africa

- Majored in Software Engineering
- Relevant coursework: Business Objects Service Oriented Architecture, Research Methodology, Research Project, Computer Games and Graphics, Data Mining and Administration, Software Development.

2018 -2020

Bachelor of Science in Computer and Information Sciences | Monash University | South Africa

- Majored in Software Development and Computer Systems, Networks and Security
- Relevant coursework: Industry Experience Studio Project, Software Engineering: Architecture and Design, Computer Networks, Entrepreneurship, Usability (UX), System

Development, Mobile Application Development, Introduction to Cyber Security, Introduction to Management, IT Project Management, Data Structures and Algorithms, Databases, Operating Systems, Introduction to Computer Systems, Networks and Security, Web fundamentals, Programming Fundamentals in Java, Managerial Communication, Mobile Communication, IT Professional Practice.

Projects

COSTALL MOBILE APPLICATION ([HERE](#))

- Accomplished efficient meeting cost calculation by developing a mobile application considering attendee count, hourly rates, and meeting duration.
- Measured success by improved cost management and time efficiency in meetings.
- Architected and implemented RESTful API using PHP Slim Framework as the backend to facilitate pull and push requests to a SQL database.
- Technologies used: Android Java, PHP Slim Framework API, SQL DB.

MORVAK STUDENT INFORMATION SYSTEM ([HERE](#))

- Successfully replaced a paper-based records system with a Java-based Student Information System for a high school.
- Improved data management and accessibility by providing a centralized database to store and manage students' information and academic records.
- Technologies used: Java, ASP .NET Core C# API, MySQL DB