Andries Matenjwa

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OBJECTIVE

To leverage my strong technical skills, passion for software development, and dedication to delivering high-quality solutions in a challenging and dynamic environment. I aim to contribute to a forward-thinking organization where I can continuously learn, innovate, and collaborate with a team of talented professionals to create innovative software products that make a meaningful impact on users' lives.

EXPERIENCE

JAN 2023 - Jul 2023

- **Full stack developer**
  Informatics community engagement project(ICEP)
  As a full stack developer I worked closely with the frontend team to integrate their Angular components with the backend APIs I developed using Node.js. This involved designing and implementing robust server-side logic, creating RESTful APIs, and ensuring seamless communication between the frontend and backend. I leveraged SQL databases to handle data storage, retrieval, and manipulation. I designed and optimized database schemas, wrote complex SQL queries, and ensured data integrity and security.

PROJECTS

- **Booking Application**
  Developed a booking application using the MERN (MongoDB, Express, React, Node.js) stack.Implemented a user-friendly interface allowing users to search for hotels, view detailed information about each hotel, and make bookings.
  Utilized MongoDB as the database to store hotel and booking data.

  Designed and built RESTful APIs using Express, enabling seamless communication between the front-end and back-end.
  Implemented user authentication and authorization using JSON Web Tokens (JWT) for secure user registration and login functionality.Used React for the front-end, creating responsive and interactive user interfaces
  Link: https://github.com/AndriesMathenjwa/BookongApp.git

- **Student Registration Application**
  Developed a student registration application using Angular, Node.js, and MySQL.
  Implemented a user-friendly interface allowing administrators to register students and manage their personal information.
  Utilized Node.js and Express.js to create a robust back-end, handling API requests and managing data flow.
  Integrated MySQL as the database, storing student information, course details, and registration data.
  Implemented CRUD (Create, Read, Update, Delete) functionality, allowing administrators to manage student records and course information.
  Link: https://github.com/AndriesMathenjwa/student_registration.git

EDUCATION

2022

- **National diploma in information and communication technology (software development)**
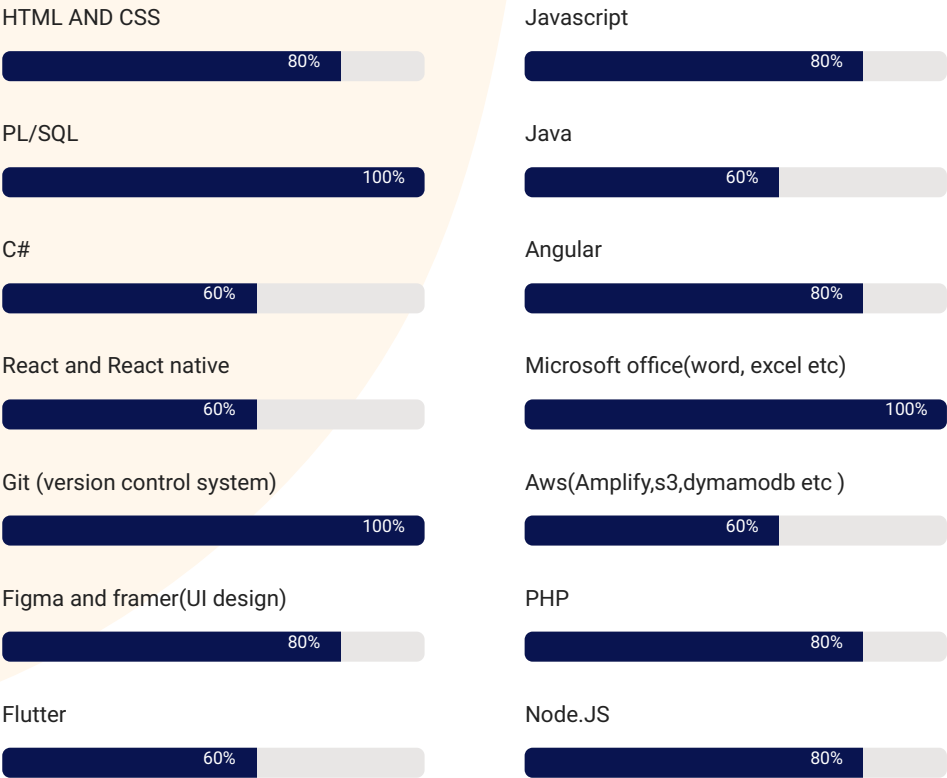 Tshwane university of technology

2016

- **National senior certificate(bachelors degree)**
  Sbusisiwe high school

PERSONAL SKILLS AND QUALITIES

- Strong problem-solving and analytical abilities
- Excellent communication and teamwork skills
- Ability to learn new technologies quickly
- Passion for staying updated with the latest trends in software development
- Excellent user experience(UX) design
- Time management and organization
- Attention to detail

TECHNICAL SKILLS

HTML AND CSS
80%

Javascript
80%

PL/SQL
100%

Java
60%

C#
60%

Angular
80%

React and React native
60%

Microsoft office(word, excel etc)
100%

Git (version control system)
100%

Aws(Amplify,s3,dymamodb etc)
60%

Figma and framer(UI design)
80%

PHP
80%

Flutter
60%

Node.JS
80%

INTERESTS

- Personal Projects: Engage in personal coding projects to explore new technologies, experiment with innovative ideas, and continuously enhance programming skills.
- Emerging Technologies: Stay abreast of emerging technologies, such as artificial intelligence, blockchain, or cloud computing, by self-study and exploration to broaden knowledge and identify potential areas of growth.
- Attending Tech Conferences: Actively participate in industry conferences and seminars to stay updated with the latest trends and advancements in software development.
- User Experience (UX) Design: Developing an interest in UX design principles and methodologies, understanding the importance of creating intuitive and user-friendly software interfaces.

REFERENCE

- **K Malatji - ICEP**
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- **J Mokgabudi - ICEP**
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