

Simphiwe Mbatha



Contact

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Core Qualifications

- Technology should be adapted to match local service needs, which involves designing, developing, and testing prototypes to come up with solutions for business problems.
- Skills in Data analysis, Database Design and Management, IT Support Troubleshooting, Programming, Project management, Tutoring, and web
- Design, Strategic Planning, and Cloud Network.
- Attention to Detail, Decision Making, Meeting Leadership, Proactivity & Self-Motivation, Problem Solving
- Java, Python , Visual Basic & .NET (C#) , HTML, PHP, SQL, Tailwind CSS, OOP, Vue.js , Microsoft office, C++, Linux.
- Maintaining Hardware and Software.

Professional Summary

I'm an ambitious and highly skilled professional, holding a BSc degree in Computer Science and Information Technology from the University of KwaZulu-Natal. With a profound passion for technology, I dedicated my career to mastering areas such as IoT, software development, business analysis, and machine learning. I'm also an honors graduate at the University of KwaZulu-Natal, and my academic pursuits focus on leveraging information systems and technologies to enhance human life. My commitment to continuous learning and skill advancement is evident in my role as a junior developer at CapabilityBPO, where I excel in technologies including HTML, SQLite, Vue.js, Bootstrap, and Tailwind CSS. My expertise lies in building and maintaining robust web applications, ensuring their security, performance, and user experience. My background as an IT Technical Support Intern has provided me with a strong foundation in troubleshooting, software updates, and network system maintenance, further enhancing my technical acumen. The undergraduate experience has armed me with critical skills in data analysis, database design, IT support, programming, and strategic planning. My practical approach to learning is demonstrated through my involvement in significant projects such as the development of a UKZN Appointment Centre system and a Weather web app, where I honed my backend development skills and deepened my understanding of various programming languages and platforms. Driven by a desire to contribute to a world where equal opportunity, social mobility, and justice are paramount, I'm eager to bring my diverse skill set, innovative software development capabilities, and unwavering dedication to any forward-thinking team. My meticulous and conscientious work ethic, coupled with an unquenchable thirst for knowledge, positions me as a valuable asset ready to tackle complex challenges and contribute to the technological advancements of our era.

Experience

Junior Technical Engineer

National Department of Home Affairs | Pretoria | Feb 2024 - Current

- I assisted in developing and testing technical solutions, collaborated with senior engineers on various projects, and resolved technical issues efficiently. My strong problem-solving

Education

University of KwaZulu

Durban, KZN

Bachelor of Commerce

(Honours): Information

Systems and Technology

2023

- Dissertation in Exploring the Suitability of Blockchain Technology in the South African Banking Industry.

University of KwaZulu

Durban, KZN

Bachelor of Science:

Computer Science and

Information Technology

2021

UBongumenzi Secondary

School

Nqutu, KZN

Senior Certificate: Science

2016

Physical Sciences,

Mathematics, Geography,

Life Sciences, Life

Orientation, IsiZulu (HL),

English (FAL)

skills, attention to detail, and ability to work effectively in a team environment have prepared me well for this role.

Junior Developer

CapabilityBPO | Jul 2023 - Feb 2024

As a Junior Developer specializing in technologies like HTML, SQLite, Vue.js, Bootstrap, and CSS typically focuses on building and maintaining web applications or websites.

Web Development: Creating and maintaining web applications with responsive interfaces using HTML, CSS, and JavaScript.

Database Management: Working with databases (e.g., SQLite), writing SQL queries, and ensuring data integrity.

Front-End Development: Structuring web pages, implementing dynamic features with Vue.js, and ensuring cross-browser compatibility.

Vue.js Development: Building interactive user interfaces, managing data with Vue.js.

Bootstrap Integration: Enhancing web page design using Bootstrap's CSS framework and customization.

UX Design: Collaborating with designers for user-friendly interfaces and seamless experiences.

Version Control: Using Git for code management and collaboration.

Testing and Debugging: Ensuring application quality by identifying and fixing bugs.

Performance Optimization: Optimizing web apps for speed and user experience.

Documentation: Documenting code and processes for future reference.

Collaboration: Working with teams, participating in code reviews, and meeting project deadlines.

Security: Implementing security practices to protect against vulnerabilities.

Deployment: Preparing apps for production servers.

As a Junior Developer I've contributed to visually appealing and functional web solutions, supporting project growth and success through continuous learning and skill improvement.

Honours Graduate

University of KwaZulu, Natal | Durban, South African | Feb 2022 - Dec 2023

- It is focused on improving human life through Information Systems and Technologies.
- My course bridged Information systems, science, and engineering to create new technologies to solve problems in various fields.
- My honors degree offered the following topics: software engineering, Big data management and Analytics, Mobile & Personal Information Systems, computer-mediated Mediated Communication, Security for Information systems, and Research Methodology in Information Systems and Technology.
- Even though I've been reluctant many times to follow this combination of courses, i have pushed through the whole year of schoolwork and I have made it possible thanks to my passion.

- Decision-Making algorithms (Java was used for development)to

IT Technical Support Intern

Trade-link Retail Systems | Sandton | Feb 2023 - Jun 2023

- The major daily duties are to maintain the hardware, software and network systems (troubleshooting issues relating to computers, servers and printers) and running software updates and backup request and coming up with the solutions to unusual bugs especially to the issues that the company encounters.

Undergraduate Student

University of kwaZulu, Natal | Feb 2017 - Nov 2021

- Throughout my course of study, I gained experience in many aspects of computer science and information technology.
- I was also introduced to agile and waterfall methodologies in system development, data structures and algorithms, Artificial
- Intelligence, and Advanced Systems analysis and design
- For my final year project, I created a UKZN Appointment Centre system for the UKZN community using C# for backend, and HTML/CSS on the frontend,
- It was a group project, and my main responsibility was the backend development.
- The other projects I have worked on includes creating Weather web-app using android studio.

Accomplishments

- Demonstrator in Computing for Natural Scientists, Assisting First and Second year students during Practical Sessions in UKZN.

Interests

Software Development Enthusiast, Junior Developer , Business Analyst, Technical Engineer(Member).