HENRY **MBEWE**

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PERSONAL PROFILE

I am a dedicated BCom Informatics student at the University of Pretoria, driven by ambition and a passion for continuous learning. As a philomath, I thoroughly enjoy problem-solving and tackling challenges. With a well-rounded skill set in both Front-End and Back-End development, I excel in constructing websites and web applications while adapting seamlessly to diverse working environments. Looking to advance my career, I am eager to explore areas such as DevOps, enterprise architecture, systems analysis, data engineering, solutions architecture, and software engineering, as I believe they hold great potential for personal and professional growth.

EXPERIENCE

2023 (May - January)
Engineering Computer Student Lab Assistant, *University of Pretoria*
- Utilizing software to effectively manage and organize lab resources.
- Aiding with technical issues and troubleshooting.
- Ensuring availability and functionality of computer lab resources

2024 (July)
Software Engineer (vac-work), *ETA Operations*
- Wrote clean, maintainable code and improved software efficiency.
- Assisted in containerizing apps with Docker and managed GCP resources.
- Optimized MySQL queries and resolved technical issues to clean data base logs.

2022 (November - May)
Junior Full-Stack Developer, *Simple Influence*
- Development of chatbot solutions for seamless and intuitive conversational interfaces.
- Implemented machine learning algorithms to enhance the intelligence and capabilities of chatbot functionalities.
- Implemented and maintained a scalable and flexible system architecture.

2023 (August - October)
Junior Software Developer Intern, *Zaio*
- Familiarizing with frameworks to analyze problems and come up with solutions.
- Adhering to company coding standards by writing clean, maintainable code.
- Writing and running unit test for quality assurance activities.

2022 (DECEMBER)
Hong Kong Drone Programming Project, *University of Pretoria*
- Computing and briefing of drone Artificial Intelligence.
- Configuration of drone algorithmic Machine Learning interface.
- Supporting with debugging code and hardware.

2022 (JULY)
Hong Kong E-Service Project, *University of Pretoria*
- Assisting with E-Service learning project.
- Setup of computer devices, software design, and code.
- Aiding with understanding of program code.

2020 – 2021 (6 MONTHS)
TEACHING ASSISTANT, *Hillview High School*
- Getting classroom ready for lessons.
- Facilitating and supervising group activities.
- Carrying out administrative tasks.

EDUCATION

BComHons (Informatics), UNIVERSITY OF PRETORIA

This advanced qualification aims to equip graduates with the technical and analytical skills required in software development and data management. Areas of focus include applied data science, data warehousing, enterprise architecture, and information systems development to enhance expertise in software solutions, business intelligence, and user experience. Additionally, ICT project management and research methodologies develop problem-solving and leadership skills to address complex challenges in technology-driven environments.

BCom INFORMATION SYSTEMS, UNIVERSITY OF PRETORIA

This comprehensive qualification aims to produce graduates who can provide for the current needs in the contemporary business workplace in areas such as systems analysis, database development and softwaresystems design, enhancement, management, and evaluation. All to address diverse challenges and requirements of the business environment.

SKILLS

EXPERTISE
- Networking / Collaboration
- Competent Researcher
- Agile / Scrum Methodology
- Problem-solving
- Soft Skills
- Adaptability/ flexibility

PROFICIENT CODING LANGUAGES
- C# / ASP.NET / WEB APIs
- Python / R / SAS
- HTML-5, CSS, Bootstrap
- SQL / JavaScript
- Angular/ React /IONIC
- TypeScript / JSON / AJAX

SOFTWARE
- VS CODE / Visual Studio
- R studio
- SQL SSMS / Postgre SQL / MySQL
- PyCharm
- Word/Excel /PowerPoint
- GitHub
- Microsoft Azure
- Cyber Security (Authentications)
- Docker

SYSTEMS DEVELOPMENT
- Database Design
- Azure DevOps
- Database Warehouse
- Project Management
- Business & System Analysis
- Figma
- Google Cloud Run Jobs
- CI/CD Pipelines /Deployment

REFERENCES

Name: **Company**   **Contact Details**   **Email**

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