Dakalo Makatu

BACHELOR OF COMMERCE (HONOURS) –
INFORMATION SYSTEMS GRADUATE

Cape Town, Western Cape • email: dakimakatu@gmail.com • Website: https://dakalomakatu.netlify.app/

PROFILE

I am a dedicated and driven individual passionate about technology and developing innovative solutions. My academic background has equipped me with a solid foundation in Cybersecurity, Database Management, System Development, Web App Development, and Data Analysis. I thrive in dynamic and collaborative environments, where I can apply my analytical skills and problem-solving mindset to solve real-world problems that create business value and contribute to society's well-being.

EDUCATION

University of Cape Town   Jan 2023 – Jun 2024
Bachelor of Commerce (Honours) - Information Systems

>   Relevant Coursework: System Development Project II, IS Research Project, Application and Technical Development, Information Systems Management.

>   Thesis: Factors Influencing Cyber Security Culture in Small and Medium Size Enterprises: A South African Context.

University of Western Cape   Jan 2019 – Nov 2022
Bachelor of Commerce – Information Systems & Management

>   Relevant Undergraduate Coursework: Databases and Data Modelling, Architecture and Infrastructure, Emerging Trends in Information Systems, Information Systems Strategy, Project Management, Business Information Systems.

EXPERIENCE

IT Volunteer | Great Commission United   Feb 2023 – Nov 2023
As part of UCT's Honours Outreach and Community Involvement Programme (HOCIP), I volunteered at Great Commission United. I developed strategies to improve the organisation's Excel assessment template and empowered members through hands-on technical skills training.

Owner and Founder | Naturalistic   2020 – 2023
Founded and launched Naturalistic, a hair fiber business specialising in colourful hair braids. Managed operations, including product sourcing, inventory, customer service, and marketing campaigns on social media. Also designed the brand's logo.

PROJECTS

BDO Employee Recognition System (Honours)   **Jan – Nov 2023**

Collaboratively developed an employee recognition system for BDO, enabling peer-to-peer nominations for rewards. Designed an admin interface for reviewing and approving nominations, and integrated a centralised social board to enhance communication and collaboration within BDO

    Teck stack: **HTML, CSS, JavaScript, (jQuery), Firebase (NoSQL)**.

Boundless Charging   **Jan – Jun 2022**

Collaboratively developed a fully functional e-commerce site for Boundless Charging, a start-up that revolutionises mobile charging by using wearable clothing to harness kinetic energy from motion, enabling convenient smartphone charging on the go.

    Tech stack: **HTML, CSS, JavaScript, Nodejs, Firebase (NoSQL).**

Codes to Arrows Translator   **Jul – Nov 2022**

Developed a Java GUI application in NetBeans to translate integers to Unicode arrow characters and vice versa, implementing efficient conversion functions, error handling, and user-friendly features like file opening and text clearing.

    Tech Stack: **JavaFX, JavaFX Scene Builder, MySQL.**

ADDITIONAL INFORMATION

Languages: JavaScript, HTML, CSS, Java, PHP
Frameworks: Node.js jQuery, Chart.js, Next.Js
Databases: NoSQL, Relational Databases (MySQL)
Tools: VS Code, Trello, Git, GitHub, Azure, Figma, NetBeans

Soft Skills: Teamwork, Communication, Research, Problem Solving, Analytical Thinking.

Technical Skills: Full-Stack Web Development, Database Management, Version Control, Agile Project Management, Digital Marketing, Microsoft Office, AWS.

Certifications: iNkanyezi IT Audit Academy Programme (Absa), AWS Knowledge Badge: Cloud Essentials, Golden Key Certification.

REFERENCES

Irwin Brown

Research Supervisor, University of Cape Town

021 650 3155 | irwin.brown@uct.ac.za

HOCIP Office

Community Service Outreach Program (GCU)

+27 (0)21 - 650 4415 | roshan.sonday@uct.ac.za