Vusi Kunene Matlou

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Professional Summary

I am a final-year Computer Science student with a deep passion for using technology to solve real-world problems and improve how people interact with digital systems. I enjoy working on projects that streamline processes, boost user experience, and make an impact. I'm naturally curious, thrive in fast-paced environments, and love collaborating with others to bring ideas to life. Whether it's tackling complex problems or learning something new, I bring energy, focus, and a strong work ethic to every challenge.

Education

Meridian Cosmo City, South Africa   January 2017 – December 2021
Subjects: Mathematics, English, IsiZulu, Physical Science, Life Science, Life Orientation. Computer Application Technology.

Eduvos University, South Africa   January 2022 – December 2025
Bachelor of Science in Computer Science

Skills

- **Languages:** Python, Java, JavaScript, C, C++, HTML/CSS
- **Databases:** MySQL, Firebase
- **Libraries:** NumPy, OpenCV
- **Frameworks:** Flask, Node.js, TensorFlow.
- **Tools & Technologies:** Git, Github , AWS, Cisco Packet Tracer.

Experience

Robinson Liquors - Parkview Randburg   March 2023 – June 2023
IT Intern

- Performed hardware repairs and maintenance on printers, laptops, and other office equipment
- Provided technical support and troubleshooting assistance to staff and customers
- Diagnosed and resolved IT-related issues to ensure smooth business operations
- Maintained equipment inventory and assisted with technology upgrades

Crazy Plastics - Allensnek, South Africa   November 2024 – January 2025
General Worker, Merchandiser & Stock Packer

- Managed inventory, stock rotation, and store merchandising to ensure optimal product availability
- Developed attention to detail and efficiency in a fast-paced retail environment
- Strengthened teamwork and communication skills while providing customer assistance
- Maintained product displays and ensured compliance with merchandising standards

King Parts - Germiston, South Africa   April 2024 – August 2024
Sales Assistant (Car Parts)

- Assisted customers in finding and purchasing the correct car parts for various vehicle models

- Managed inventory systems and maintained comprehensive product knowledge across automotive components
- Operated POS systems and processed transactions while providing exceptional customer service
- Developed expertise in automotive parts identification and compatibility assessment

P.K Grace Carnival - Johannesburg, South Africa   January 2020 – February 2023
Junior Event Coordinator

- Coordinated event logistics for parties, weddings, and corporate events including decoration, sound setup, and catering arrangements
- Managed cross-functional teams and facilitated effective client communications throughout project lifecycles
- Implemented time management strategies and problem-solving techniques to ensure successful event execution
- Developed budgeting skills and client relationship management expertise in high-pressure environments

Projects

API Security Scanner Tool   2025
Tech Stack: Python, Security Testing, RESTful APIs

- Developed a comprehensive API security scanning tool to identify vulnerabilities in web applications
- Implemented automated testing procedures for common security flaws including SQL injection, XSS, and authentication bypass
- Created detailed reporting mechanisms to provide actionable security recommendations
- Available at: https://github.com/Vusi-Kunene-Matlou/API-SECURITY-SCANNER

Marketeer E-commerce Platform   2025
Tech Stack: Web Development, Database Management, User Authentication

- Built a full-stack e-commerce website with user registration, product catalog, and shopping cart functionality
- Implemented secure payment processing and order management systems
- Designed responsive user interface with modern web technologies for optimal user experience
- Available at: https://github.com/Vusi-Kunene-Matlou/Marketeer_Ecommerce

Cisco Network Infrastructure Design   2024
Tech Stack: Cisco Packet Tracer, Network Protocols, Infrastructure Design

- Designed and implemented comprehensive network infrastructure using Cisco Packet Tracer
- Configured routers, switches, and security protocols to create scalable network architecture
- Demonstrated expertise in network troubleshooting, VLAN configuration, and routing protocols
- Available at: https://github.com/Vusi-Kunene-Matlou/cisco-network-design

Leadership and Extracurricular Activities

Eduvos Coding Club   Current
President
Geekulcha Midrand Chapter   Current
Vice President

- Lead coding club initiatives to help students learn programming and build projects
- Organize workshops, coding competitions, and collaborative development sessions
- Mentor students in various programming languages and software development practices

Meridian Curro School 2022
Deputy Head Boy (Grade 12)

- Coordinated school events, led student meetings, and mentored junior students
- Developed leadership, teamwork, and conflict resolution skills through student governance

Student Representative Council Grade 10-12
SRC Member

- Participated in school decision-making processes, collaborating with peers and faculty
- Enhanced communication, leadership, and strategic planning capabilities

Additional Information

Sports: Rugby Player (Position: Fullback) - Developed teamwork, strategic thinking, and physical endurance through competitive play
Languages: Proficient in IsiZulu, Setswana, Sepedi, and English
Hobbies: Robotics, Gardening, Hiking, Camping, Sports
References: Available upon request