MICHELLE NHENGU

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EDUCATION

RABINDRANATH TAGORE UNIVERSITY   **Bhopal, M.P**
Bachelor's of Science in Computer Science   *Expected Graduation June 2026*
- **Concentrations:** Agile, DevOps, Testing, Design Patterns
- **Related Coursework:** Computing in Python, Object-Oriented Programming, Statistics and Applications, System analysis and design

EXPERIENCE

ALL INN BUSINESS CONSULTANCY BW   **Gaborone, Botswana**
IT Procurement Consultant   *Mar 2022 - Oct 2023*
- Prepared and submitted professional tender documents for clients bidding on government sector tech contracts.
- Analyzed RFPs, RFQs and tender specifications to ensure full compliance with technical and legal requirements.
- Created compelling technical and financial proposals that increased client win rates by up to 60%

LION TUTORING   **Gaborone, Botswana**
Pure Mathematics, Computer Science tutor   *July 2022 - Oct 2023*
- Delivered personalized tutoring in Pure Mathematics, Linear Algebra, Calculus, Algorithms, and Data Structures to over 40 students, resulting in an average grade improvement of 25-40% within one semester.

PROJECTS

FULL STACK- TECH BLOG PLATFORM   **Bhopal, M.P**
Self-Initiated Project   *Apr 2025 - June 2025*
- Developed a dynamic blogging platform using HTML5,CSS3,JavaScript and Python (Flask), achieving a 70% page load speed improvement through frontend optimization.
- Built a responsive user interface with a mobile-first approach, enhancing accessibility across devices (95% cross-browser compatibility).
- Implemented dynamic blog features with user authentication, post management, and markdown support, reducing spam by 80% during test runs.

AI RESUME SCREENER   **Bhopal, M.P**
Ongoing Project   *May 2025 - Present*
- Developing an intelligent resume screening tool using Python, spaCy, scikit-learn, and TF-IDF vectorization to match candidate resumes with job descriptions.
- Implemented NLP pipelines for keyword extraction and sematic similarity scoring, enabling automated ranking of resumes based on job relevance.
- in initial tests, the system reduced manual screening time by 65% and improved candidate-job match precision by 40%.
- Currently integrating batch processing and exportable ranked reports to enhance recruiter workflow efficiency.

SKILLS

- **Programming:** Python, Java, JavaScript, HTML/CSS, C++; experienced with Flask for backend development and building responsive user interfaces.
- **Technical/Programmatic:** Git/GitHub, Data Structures and Algorithms, Microsoft Excel, basic SQL, and using libraries like scikit-learn, spaCy, and Streamlit for AI/NLP projects.
- **Platforms:** Linux, Windows