

FISTON KILELE

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FULL STACK DEVELOPER

PROFESSIONAL SUMMARY

Motivated Computer Science student and aspiring Full Stack Developer with hands-on experience in collaborative, project-based environments. Experienced in building and maintaining web applications across both frontend and backend using React, JavaScript, HTML, CSS, and Python (Django). Previously worked as an IT and Web Support Intern at African Estate Agency (AEA), contributing to website enhancements, database-driven features, and system support in both remote and in-person settings. Familiar with PostgreSQL and MySQL, with growing exposure to cloud technologies on Microsoft Azure. Strong communicator with proven leadership experience in academic projects, known for creativity, problem-solving, and a strong willingness to learn. Currently expanding knowledge in Machine Learning with a long-term goal of integrating ML models into real-world systems and applications.

EDUCATION

Bachelor of Computer Science and Electronics | North West University (2025)

Relevant Coursework:

- Data Structures & Algorithms
- Programming in Python & JavaScript
- Database
- Software Engineering
- Embedded Systems
- Operating Systems

National Senior Certificate (NSC) | MountainView High School (2021)

CERTIFICATES AND PROFESSIONAL DEVELOPMENT

- JavaScript Algorithms & Data Structures – FreeCodeCamp (2025)
- Network Security Management – Chongqing University (2024)
- IT for Business Success – HP Life (2025)
- Effective Business Websites – HP Life (2025)
- Presenting Data – HP Life (2025)
- Pandas – Kaggle (2025)
- Data Visualization (Matplotlib & Seaborn) – Kaggle 2025

CORE COMPETENCE

- Front-End Development (HTML5, CSS3, JavaScript, React)
- Backend-Development (Django, Node.js)
- Database (MySQL, PostgreSQL)
- Responsive Web Design & Cross-Browser Compatibility
- UI/UX Design Principles
- Version Control (Git & GitHub)
- Debugging and Code Optimization
- Creative and Problem Solver
- Machine Learning
- Software Development Life Cycle
- Clean Code & Best Practice

PROFESSIONAL EXPERIENCE

African Estate Agency – Johannesburg

IT & Web Support | Jan 2024 – Feb 2025

- Assisted in the maintenance and enhancement of the company website, working on both frontend and backend components.
- Implemented frontend updates using HTML, CSS, JavaScript, and React to improve usability and visual consistency.
- Worked with PostgreSQL databases, assisting with data handling, queries, and application integration.
- Debugged front-end and basic back-end issues through systematic testing and analysis
- Collaborated with team members in a hybrid work environment (remote and in-person), ensuring clear communication and task alignment.
- Participated in debugging, testing, and resolving website and system issues to maintain smooth operation.
- Followed clean code principles and best practices to ensure readable, maintainable, and scalable code.
- Gained practical experience working within the Software Development Life Cycle (SDLC).

Project Leader – Hotel Booking System (Academic Project)

Academic | 2023 and 2025

- Led a development team for a semester-long Hotel Booking System project as part of core academic assessment.
- Designed and developed the application using HTML, CSS, JavaScript, with Node.js for backend services and MySQL for database management.
- Divided the team into subgroups based on individual strengths to maximize productivity and collaboration.
- Applied Agile methodology, breaking the project into smaller, manageable tasks and iterating through development cycles.
- Coordinated task allocation and ensured equal distribution of workload across team members.
- Facilitated clear communication within the team, drawing on prior collaborative work experience.
- Assisted team members with project documentation, coding standards, and understanding clean code and best practices to ensure code readability and maintainability.
- Supported peers in understanding development workflows and resolving technical challenges during implementation.

TECHNICAL SKILLS

- **Languages:** HTML5, CSS3, JavaScript, Python, C++, SQL
- **Database:** MySQL, MongoDB, PostgreSQL
- **Frameworks & Libraries:** [Node.js](#), [React.js](#), Django, FastAPI(Basic), Pandas, Sklearn
- **Version Control:** Git & Github
- **Tools:** Microsoft 365, Jira, Google Suite

LANGUAGES

- English (Fluent)
- Zulu (Fluent)
- Afrikaans (Elementary)

REFERENCES

Available upon request