Jacob Otieno Kamau

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate with hands-on experience in Python, JavaScript, and cloud technologies. Strong foundation in software development, data structures, and web development. Eager to contribute to a collaborative engineering team and grow in a dynamic tech environment.

CORE SKILLS

Languages: Python, JavaScript, HTML/CSS
Frameworks: Django, Flask, React (basic)
Databases: PostgreSQL, MySQL, MongoDB
Tools & DevOps: Git, GitHub, Docker, Linux
Soft Skills: Problem-solving, teamwork, adaptability, communication

EDUCATION

Bachelor of Science in Computer Science – Jomo Kenyatta University of Agriculture and Technology, 2020–2024

- Relevant coursework: Software Engineering, Data Structures, Databases, Web Development

INTERNSHIPS & PROJECTS

Software Development Intern — TechStart Ltd, Nairobi
Jan 2024 – Jun 2024

- Assisted in developing a web-based task management application using Django and PostgreSQL.

- Implemented user authentication and basic REST API endpoints.

- Participated in code reviews and team stand-ups, learning agile development practices.

Personal Projects

- **Portfolio Website:** Built a responsive personal portfolio site using HTML, CSS, and JavaScript to showcase projects.

- **To-Do App (Python & Flask):** Developed a simple to-do list app with CRUD functionality and SQLite backend.

- **Chatbot Prototype:** Created a basic rule-based chatbot in Python for practice with NLP concepts.

CERTIFICATIONS

- Google IT Support Professional Certificate

- FreeCodeCamp Front-End Development Certification

ACHIEVEMENTS & ACTIVITIES

- Member of the university coding club, participated in hackathons and coding competitions.

- Organized peer coding workshops to help fellow students with Python basics.

- Awarded **Best Final Year Project (Team Category)** for a student management system project.

PERSONAL INTERESTS

- Open-source contribution

- Tech blogging and tutorials

- Basketball and community volunteering