Tumbikani Thomas Kapandamake

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Objective

Aspiring Backend Developer and Computer Science student with a solid foundation in Python, Java, PostgreSQL, and MySQL. Experienced in designing and implementing data structures, algorithms, and backend logic for applications such as library management and task tracking systems. Skilled in building efficient, scalable systems and passionate about leveraging backend technologies to solve complex problems and support robust software solutions.

Education

Bachelor of Science in Computer Science
ZCAS University, Lusaka, Zambia Expected
Graduation: June 2027

- Relevant Coursework:

    - Data Structures & Algorithms

    - Introduction to Database Systems

    - Web Application Development

    - Fundamentals of Programming in

      Python

    - Mobile Application Development

    - Backend Development

Technical Skills

- Programming Languages: Python, HTML5, CSS3, Java

- Databases: PostgreSQL, MySQL

- Tools & Platforms: Git, VS Code

- Concepts: Object Oriented Programming

- Interest Areas: Machine Learning, ERP Systems, Data Analytics, DevOps

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Projects

- Library Management System – Built using Python to manage books, borrowing, and returning; aimed at automating manual library processes using a command line interface menu.

- To-Do List Web Application – A simple web app designed for task tracking and productivity enhancement.

- Data Structures & Sorting Algorithms – Implemented core data structures (stacks, queues, hash tables, linked lists) and sorting algorithms (e.g., bubble sort) in Python for academic learning and experimentation.

- Group Web Application Project – Collaboratively developed a multi-page website as part of a university assignment, applying front-end development principles and project planning skills.

Experience

- Developed a strong foundation in Python and Java, applied across academic and personal projects.

- Acquired web development skills through HTML, CSS, and JavaScript, contributing to the design of responsive web pages.

- Gained early exposure to game development, fostering creativity and problem-solving through coding challenges.

- Completed coursework in IT Project Management and Data Communication & Computer Networks, enhancing understanding of systems architecture and professional workflows.

- Developed a Point-of-Sale Mobile Application for a school assignment

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Soft Skills

- Problem-Solving

- Team Collaboration

- Communication
- Quick Learning
- Time Management
- Networking