Kativa Parata

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🌐 kativaparata.com | 💻 Github

Objective

Motivated 3rd-year Computer Science student with strong foundations in software development, data structures & algorithms, machine learning and web technologies. Seeking an opportunity to apply my programming skills, contribute to real-world impactful projects, gain hands-on industry experience and continue developing my technical expertise.

Education

Bachelor(Honors) of Science in Computer Science University Of
Namibia, Expected Graduation: 2026

Relevant Coursework: Data Structures & Algorithms, Advanced Databases, Operating Systems, Software Engineering, Web and mobile programming, Computer Networks, UX/UI design

Technical skills

✓ Languages: Python, Java, C++, JavaScript

✓ Web Development: React, Node.js, Next.js, HTML, CSS

✓ Databases: MongoDB, MySQL

✓ Machine Learning / AI: Scikit-learn, TensorFlow, NLP, Pandas

✓ Tools & Platforms: Git/GitHub, Streamlit, Flask, FastAPI, Plotly, Linux

✓ Mobile Development: React Native, firebase, android studio

✓ DSA Concepts: Graphs, Trees, Tries, Dynamic Programming, Heaps, Hashing

Projects

💻 Pathfinding Visualizer - developed an interactive tool that visualizes graph algorithms including BFS, DFS, Dijkstra's, and A*

💻 File Compression Tool (Huffman Coding) - built a text file compressor and decompressor using Huffman coding for lossless data compression.

💻 Autocomplete & Spell Checker - implemented a predictive text system that suggests words based on user input using Trie data structures.

💻 AI-Powered Study Assistant - built an AI platform that summarizes lecture notes, generates quizzes, and creates flashcards.

💻 Smart Resume Analyzer - built an application that analyzes resumes and provides keyword recommendations to improve job matching

💻 Personal Finance Tracker - developed a finance tracker that records income/expenses and visualizes spending with charts

Certifications/Courses

🎓 Web developer bootcamp(Udemy)

🎓 Ultimate react course(Udemy)