Justin Muriithi Nyaga

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GitHub: github.com/Austinmiami | Portfolio: Oasis Dev

Software & IT Support Intern

Computer Science Diploma (Level 6) student with hands-on experience in ICT support, networking, and software projects including distributed systems and socket programming. Skilled in troubleshooting, system setup, and learner support. Seeking a Software / IT Support Internship opportunity.

Technical Skills

1. Languages: Java, Python, C++
2. IT Support: Hardware troubleshooting, software installation, system setup
3. Networking: LAN setup, IP configuration, Cisco Packet Tracer
4. Systems & Tools: Linux basics, Docker basics, Git
5. Web: HTML, CSS, basic React
6. Databases: Fundamentals

Key Projects

1. Chat & File Transfer System — Built multi-client TCP/UDP messaging and file sharing with multithreading
2. Distributed Key-Value Store — Developed replicated storage service with API endpoints and Docker setup
3. Algorithm Visualizer — Created interactive DSA and pathfinding visualization tool
4. Text Classification System — Implemented ML text classification pipeline

Practical Experience

1. ICT Assistant / Trainer (Attachment) — Jeremiah Nyagah National Polytechnic
2. Supported computer lab maintenance and learner assistance
3. Troubleshot hardware and software issues
4. Conducted ICT demonstrations

Education

1. Diploma in Computer Science (Level 6) — Kiambu National Polytechnic (2023–Present)
2. KCSE — Kanjinji Mixed Secondary School (2019–2022)