

THON PETER MAWUT

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OBJECTIVE

Aspiring Blockchain and Full Stack Developer with experience in Solidity, React/Next.js, Node.js, PostgreSQL, and MySQL seeking internship opportunities to further develop skills and contribute to innovative projects.

EDUCATION

Bachelor of Science in Computer Science, University of Nairobi Expected 2024 Relevant Coursework:

- Web and Services Programming, Database Systems
- Data Structures and Algorithms, Operating Systems
- Software Engineering, Computer Networks

TECHNICAL SKILLS

Programming Languages

React (Experienced), Next.js (Experienced), Node.js (Proficient) Blockchain Tools
PostgreSQL (Proficient), MySQL (Experienced) Version Control

JavaScript (Proficient)

Truffle (Experienced),

Git (Proficient), GitH

SOFT SKILLS

- Strong communication and collaboration abilities, with experience working in diverse teams
- Proactive problem-solver, able to analyze complex issues and develop effective solutions
- Quick learner, eager to expand knowledge and adapt to new technologies and methodologies
- Detail-oriented and organized, with excellent time management skills to meet deadlines

EXPERIENCE

Data Collection Volunteer June 2023 - July 2023 World Vision International, Uganda

- Assisted in data collection efforts for a community development project in Uganda
- Collaborated with a team of 10+ volunteers to gather and organize data efficiently

Software Engineering Intern July 2023 - Sept 2023 Office of the Prime Minister, Uganda *Kampala, Uganda*

- Developed and maintained a refugee registration system using React, Node.js, and PostgreSQL, serving 5000+ refugees
- Collaborated with a team of 5 developers to implement new features and fix bugs, improving system performance by 20
- Participated in code reviews and gained experience working in an agile development environment

PROJECTS

Blockchain Voting System — [GitHub](#) Developed a decentralized voting application using Solidity smart contracts on the Ethereum blockchain. Built a user-friendly interface with React for 1000+ users to vote securely and transparently. Utilized Truffle, Web3.js, and Ethers.js for seamless integration.

Full Stack E-commerce Website — [GitHub](#) Created a responsive e-commerce website using Next.js, Node.js, and MySQL. Implemented user authentication, shopping cart functionality, and payment gateway integration. Increased sales by 15

LEADERSHIP

Electoral Commission Chairperson June 2020 - Dec 2024 South Sudanese Students at the University of Nairobi (SSSANU)

- Oversaw the planning and execution of student government elections, ensuring fair and transparent processes
- Collaborated with a diverse team of students to develop and implement electoral guidelines and procedures
- Demonstrated strong leadership, communication, and organizational skills in managing the electoral process

CERTIFICATIONS AWARDS

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| • Algorand Hackathon Participation Certificate, Faculty of Science and Technology | 2024 |
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INVOLVEMENT

- Active member of the University Blockchain Club, participating in 5+ workshops and 2 hackathons
- Contributed to 3 open source projects on GitHub related to web development and blockchain
- Mentored 20+ high school students at a local coding bootcamp, teaching fundamentals of HTML, CSS, and JavaScript

REFERENCES

Dr. Christopher A. Moturi Senior Lecturer, School of Computing and Informatics University of Nairobi Email: moturi@uonbi.ac.ke **Dr. Almaz Yohannis Mbathi** Lecturer, School of Computing and Informatics University of Nairobi Email: ayohannis@uonbi.ac.ke