

SAMUEL MARU DIKI

BSc Information Systems

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PROFESSIONAL SUMMERY

Hardworking Information Systems student with Full Stack experience, Ai within machine learning, Database Management, Networking and Analysis background. Enjoy helping create easy-to-use and secure software applications. Fast learner with great problem-solving skills and looking forward to working in the tech industry and becoming a team leader.

BSc in Information Systems

University of Gondar, Gondar, Ethiopia

- Relevant coursework: Database Systems, Systems Analysis & Design, Object-Oriented Programming (Java), Networking & Data Communications, Project Management, Machine Learning, Knowledge Management
- Capstone Project: VisitGonda, Ai powered library assistance for UOG, School-Hub, Smart Bajaj (mega project now), Smart attendance, AB-Pharmacy,
- Cumulative GPA: 3.27
- Exit exam score:71

TECHNICAL SKILLS

- Languages: Java, JavaScript, Python, C++, react js, SQL,
- Frameworks & Tools: React Native, Node.js, GitHub, draw.io (UML)
- Databases: PostgreSQL, MongoDB, MySQL
- Concepts: OOP, Database Normalization, System Modeling, REST APIs, Payment Gateway Integration, QR-based Systems, Chatbot, Biometric scan
- Productivity: Microsoft Office / Word / Excel, basic UI/UX design

PROJECTS

VisitGondar — Smart Heritage Tourism Mobile Platform

- Designed a multi-role mobile platform (Tourist, Local Business, Heritage Manager, Administrator) using React Native and Node.js/Express with PostgreSQL and MongoDB

Ai powered library assistance for UOG

- The system was built to provide an intelligent(chatbot), interactive, and highly contextual library assistant for students at the University of Gondar (UoG). It goes beyond simply searching for books by replacing rigid keyword searches with semantic understanding and Retrieval-Augmented Generation (RAG). see github.com
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INTERNSHIPS

Network config

UoG It center

- Diagnosing connectivity issues (using ping, traceroute, ipconfig)
 - Resolving IP conflicts, DNS failures, or hardware faults Quantify impact
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CERTIFICATIONS

- 5 million codes
- Ai-Based Challenge Hackathon in (UOG)
- Awarded Graduate Final Year Project from NORAD

SOFT SKILL

- Problem Solving
- Communication
- Teamwork
- Leadership

VOLUNTEER EXPERINCE

- Class Representative
- UoG Informatics Student Association (technical staff leader)
- University Students on life skills in Women's, Children & Youth Affairs

LANGUAGES

- Amharic
- English