

Iraku Harry

Makerere University

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### **Objective:**

Motivated and detail-oriented Software Engineering graduate with strong technical and analytical skills, seeking a Graduate Trainee opportunity in a dynamic and impactful organization. Eager to contribute to innovative technology solutions by leveraging my background in software development, teamwork, and problem-solving, while gaining industry experience and growing professionally.

### **Education:**

Bachelor of Science in Software Engineering, Makerere University, Kampala

CGPA: 4.29

### **Key Projects & Coursework:**

- Campus Map Web Application - Django, PostgreSQL
- Automated Grading System - Backend and AI-based grading logic
- Doctor's Appointment Mobile App - Flutter and Firebase
- Social Media Platform - HTML, Bootstrap, JavaScript
- Apartment Management System - Laravel, MySQL
- IoT Mobile App - Kotlin and Bluetooth integration
- Web-Based Systems - MySQL, Apache, Laravel
- UI/UX Design - Prototyping with Figma

### **Internship Experience**

Backend Developer Intern, Powellpay Limited, Kampala

August 2023 - December 2023

- Built and maintained RESTful APIs using Express.js, Sequelize ORM and MySQL database server.
- Integrated frontend developed using Vue.js.
- Collaborated in a cross-functional team on a financial services platform.

- Conducted backend optimization and created unit tests to ensure performance and reliability.

### **Volunteer Experience**

Data Entrant, Agago District Local Government, Uganda

January - June 2017

Digitized and maintained data for a district-wide Mosquito Spraying Campaign, ensuring accuracy and consistency in health records.

### **Technical Skills**

- Python (Django), JavaScript (React, Node.js, Vue.js), Java, Kotlin, Dart (Flutter), C, C++, C#, PHP, SQL,

TypeScript

- HTML, CSS, Bootstrap, Tailwind CSS, ASP.NET Core, Native Android, Firebase

- Git, Postman, JWT, MySQL, PostgreSQL, Apache, NGINX, Figma, REST APIs

### **Core Competencies**

- Strong problem-solving and critical thinking

- Effective team collaboration and communication

- Quick adaptation to new technologies

- Attention to detail and data integrity

- High level of personal integrity and accountability

### **References**

#### **Drajea Helen**

Assistant District Health Officer, Agago District Local Government, Tel: +256 772 538102

#### **Samuel Kiwanuka Mugabi**

Chief Executive Officer, Powellpay Limited, Tel: +256 783 723617

#### **Prof. Alex Mwotil**

Academic Supervisor, Makerere University, Tel: +256 772 084725