Uwabeza Ejidia

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PROFESSIONAL SUMMARY

I am a motivated and detail-oriented Software Developer with a strong foundation in both front-end and back-end development. Skilled in designing, developing, and maintaining scalable software applications. Experienced in collaborating within teams to deliver user-centered solutions that improve efficiency and user experience. Passionate about continuous learning, innovative problem-solving, and staying up to date with emerging technologies.

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Frameworks & Technologies:** Django, React.js, React Native,Html
- **Database Management:** SQL Server, Postgres
- **UI/UX Design:** Prototyping, User Interface Redesign
- **Version Control:** Git, GitHub
- **Project Management Tools:** Trello, Microsoft Teams
- **Methodologies:** Lean, Agile

SOFT SKILLS

- Attention to Detail
- Project Management
- Problem-Solving
- Leadership
- Collaboration
- Adaptability
- Critical Thinking
- Fast Learner

EXPERIENCE

Software Engineering Apprentice — *CPA Uganda June 2025 - December 2025*

Software Engineering Apprentice, ICPA Uganda June 2025 - December 2025

Audit Tool for small and medium enterprizes: I developed a solution to to help Small and Medium Practices (SMPs) conduct fully ISA-compliant audits while also enabling the Institute of Certified Public Accountants of Uganda (ICPAU) to oversee audit quality in a non-intrusive, streamlined manner

Application Modification: I improved the existing process where ICPAU previously had to physically visit firm premises to regulate their work. Now, with the system enhancements, regulation and oversight can be performed remotely, allowing ICPAU officers to conveniently manage firm activities from their own location.

Boot Camp Participation: I participated in a six-month intensive boot camp, collaborating with a group of seven team members to gain hands-on experience and improve technical skills.

Project Management and Execution: I actively involved in the planning, execution, and management of projects, ensuring timely delivery and quality of work.

PROJECTS

Project 1

Audit tool for small and medium enterprises.

Internship at ICPA Uganda

- **System Design & Implementation**: As part of a team, I contributed to designing and building the audit management system from the ground up, creating functionalities for firm registration, client onboarding, and audit process tracking.
- **ICPAU Registration Workflow**: The system was architected so only ICPAU can register new audit firms. Once registered, firm administrators manage their own users, clients, and day-to-day workflows independently.
- **Role-Based Access & Administration**: Each firm operates with its own administrative controls, while ICPAU retains oversight capabilities to monitor firm activities and ensure compliance.
- **Secure Report Sharin**g: I developed features that allow ICPAU to request access and securely view audit reports and other key submissions produced by registered firms.
- **Modern Web Technologies**: The project was delivered using Django (backend with REST APIs) and React with Typescript (frontend), ensuring a scalable and modern user experience.

- **Collaborative Teamwork**: The project was built collaboratively, following best practices in version control, code reviews, and agile team communication to successfully deliver a new digital solution for the Ugandan audit sector.

Project 2

Inventory Management E-commerce system for a grocery store.

- **End-to-End Inventory Solution**: My team and I designed and developed a custom inventory management system to digitize stock tracking for a grocery business previously reliant on paper records.
- **Multi-Branch Support**: The system was designed to handle operations for two separate branches located in Maganjo and Matuga, allowing each branch to independently record stock inlets, outlets, and sales transactions.
- **Sales and Profit Analytics**: The application not only records product movements but also calculates real-time sales data and branch-specific profit reports, giving management clear insights into performance across both locations.
- **Technology Stack**: The backend was developed using Python and Django, with a user-friendly frontend built in HTML, CSS, and JavaScript. SQL Server was used for robust and reliable data storage.
- **Operational Efficiency**: The transition to this system eliminated manual data entry, reduced errors, and greatly improved inventory control and business oversight for both branches.
- I managed to achieve this using Python and Django, HTML, and CSS.
- For the database, I used an SQL server.

EDUCATION

Certificate inSoftware Engineering with Python Development

Refactory Academy February 2025 – May 2025

Uganda Advanced Certificate of Education (UACE)

Victoria High School 2021 – 2023

Uganda Certificate of Education (UCE)

St .Edward's College 2017 – 2020

LANGUAGES

- English
- Luganda

References

1. **Ms.Joan Twinomugyisha**

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