



AINAMAANI ISAAC

Software developer

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Recently a final year Computer Science student aged 21 at Makerere University with hands-on software development experience of 2 years, seeking to further enhance technical proficiencies and apply learned skills in a dynamic software development role. Passionate about leveraging innovative technologies to solve complex problems and drive impactful solutions. Dedicated to continuous learning and professional growth within the software industry, with a goal to contribute positively to a forward-thinking team and make meaningful contributions to innovative projects.

EDUCATION

Bachelor of Science in Computer Science | Makerere University | January 2022 – May 2024

Relevant Courses:

- Software Construction (A+)
- Advanced Programming (A),
- Software development project (C+),
- Database Management (A),
- Data Structures and Algorithms (B),
- Systems Analysis and Design (B)
- Structured and Object-Oriented Programming (B)
- Cloud Computing (A)
- Cryptology and Coding Theory (A+)
- User Interface Design (B+)
- Computer Networks (B)

Uganda Advanced Certificate of Education | Kibuli SSS | February 2019 – April 2021

Combination : Physics, Economics and Mathematics.

Points obtained : 18 points.

Uganda Certificate of Education | Kibuli SSS | February 2015 – November 2018

Aggregates obtained : 16 aggregates (In 8)

Grade : First grade

PROFESSIONAL EXPERIENCE

Software Developer Intern | Pahappa Limited, Ntinda | May 2023 – September 2023

- Collaborated with a cross-functional team at Pahappa to develop and maintain enterprise systems using Spring framework for backend development and JSF with PrimeFaces for frontend interfaces, contributing to the successful deployment of robust applications.
- Implemented RESTful APIs to facilitate efficient data exchange and enhance system scalability within the developed applications.
- Utilized JSF and PrimeFaces libraries to design and develop dynamic user interfaces, optimizing user experience and functionality.
- Led the documentation efforts for the developed systems, ensuring comprehensive and accurate technical documentation for future reference and maintenance.
- Developed detailed use cases and requirements specifications for new system functionalities and applications, guiding the development process and ensuring alignment with business objectives.
- Collaborated effectively within group settings using GitHub, fostering streamlined communication and version control practices for collaborative software development.

SKILLS

- **Programming Languages:** Proficient in Java, Python, JavaScript (including TypeScript), PHP with hands-on experience in developing scalable and efficient applications across various domains.
- **Web Development:** Skilled in HTML, CSS, React for building responsive and interactive user interfaces, along with Node.js for backend development to create robust web applications.
- **Databases:** Proficient in SQL databases like MySQL and PostgreSQL, as well as NoSQL databases such as MongoDB, adept at designing database schemas.
- **Frameworks:** Proficiency in Django for Python web frameworks, Spring Boot for Java-based backend development, Express.js for Node.js applications and Laravel for PHP backend development.
- **UI Libraries:** Familiar with Material UI for designing modern and visually appealing user interfaces.
- **Version Control:** Proficient in Git for version control, including branching, merging, and collaborating on projects effectively using GitHub.
- **Software Tools:** Experienced in using IntelliJ IDEA and Visual Studio Code as integrated development environments (IDEs) to streamline coding workflows and boost productivity.
- **Network tools:** Familiar with Nagios.
- **DevOps:** Skilled in Docker for containerization, enabling consistent deployment and scalability of applications across different environments.
- **Problem Solving:** Advanced problem-solving skills with a focus on algorithm design and debugging techniques, ensuring efficient and optimized solutions to complex challenges.
- **Team Collaboration:** Possess strong communication and teamwork skills, adept at collaborating within cross-functional teams, leveraging version control systems for efficient collaboration, and contributing positively to project success through effective teamwork and coordination.

REFERENCES

Available upon request.