

Ishimwe Shumbusho Anglebert

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SUMMARY

I'm Anglebert, an experienced Software Engineer with five years of practice and a diverse skill set. Proficient in Node.js, TypeScript, ReactJS, Java (Spring Boot), CI/CD processes, Docker, embedded systems, and microservices, Microsoft Office. I specialize in developing applications for the advancement of my country's technology.

In my projects, I've contributed to various initiatives aimed at improving essential systems. Notably, I've worked on student management systems, enhancing educational processes. Additionally, I've been involved in projects related to healthcare management systems, and streamlining medical services. My skills have also been utilized in developing e-commerce platforms and fostering economic growth.

Beyond coding, my passion for psychology complements my commitment to personal and professional growth. Strong communication and collaboration skills define my teamwork on diverse projects. Committed to continuous learning, I aim to make a substantial impact in Software Engineering, pushing the boundaries of software development while actively contributing to the technological progress of my country.

EDUCATION EXPERIENCE

Rwanda Coding Academy – Advanced High School Diploma - Nyabihu, Rwanda

January 2020 – August 2023

SKILLS

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| <ul style="list-style-type: none">● Javascript/Typescript: Node.js, Prisma, Sequelize CLI, React.js, Redux, React Native● Java: SpringBoot, Hibernate● Microsoft Office | <ul style="list-style-type: none">● DevOps: CI/CD processes, Docker● Embedded Systems & Microservices● PHP: Laravel, CodeIgniter● Critical thinking & Problem-solving, | <ul style="list-style-type: none">● Active Listening● Agile Methodology● Team Leadership & Communication● Psychological mentoring |
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WORK EXPERIENCE

Back End Developer, Kiac – Kigali, Rwanda

June 2023 - September 2023

KIAC, an educational institution specializing in short courses, is dedicated to equipping students with the skills they need to excel. With a state-of-the-art Management Information System (MIS), which I had the privilege of developing as a Software Engineer during my tenure, serving over 3000 users, KIAC prioritizes efficiency, accuracy, and student support in its quest for educational excellence.

Skills: Php - Laravel - Monolithic Architecture - PostgreSQL

- **PHP - Laravel:** Applied PHP and Laravel for efficient server-side development.
- **Monolithic Architecture:** Developed proficiency in designing and working with monolithic architectures for robust system development.
- **PostgreSQL:** Acquired skills in using PostgreSQL for effective database management.
- **Deployment Processes:** Applied GitHub Actions, Kubernetes, and Docker for seamless and automated deployment, enhancing deployment expertise.
- **Production Issue Resolution:** Effectively addressed and resolved technical issues during the production stage, ensuring system reliability.
- **Design and Documentation:** Implemented UML for designing new features and documenting system architecture, fostering a clear and organized structure.

Moreover, during my time, I gained hands-on experience in:

- **Agile Methodology:** Embraced agile principles for effective project management and collaboration.
- **Software Architecture Design:** Contributed to the design of software architectures, ensuring scalability and efficiency.
- **Pre-development Stages:** Participated in crucial pre-development stages, designing Data Flow Diagrams (DFDs), Flow charts, Sequence Diagrams, and Entity Relationship Diagrams (ERDs).

Software Engineer, Emateli – Kigali, Rwanda (remote)

July 2022 - March 2023

Emateli is a thriving e-commerce company specializing in web-based applications that offer a wide range of products to consumers.

As a Software Engineer at Emateli, a thriving e-commerce company, I played a pivotal role in shaping and maintaining the technical foundation of their web-based applications. My focus was on ensuring a seamless and exceptional shopping experience for customers.

Skills: Nodejs - PHP - LARAVEL- Reactjs - Flow-Chart - Microservices Architecture - Flutter

- **System Development:** Designed, developed, and maintained the core backend system powering the Emateli e-commerce platform, handling product listings, customer accounts, order processing, and payment transactions.
- **Data Management:** Implemented efficient data management strategies, ensuring accurate processing, storage, and retrieval of product information, customer data, and transaction records in a secure and organized manner.
- **Performance Optimization:** Enhanced platform performance by optimizing database queries, implementing caching mechanisms, and fine-tuning various backend components to reduce load times and enhance the overall user experience.
- **Security Measures:** Prioritized the security of customer data and financial transactions, implementing robust measures to safeguard against potential threats and vulnerabilities.
- **Integration of Payment Gateways:** Successfully integrated various payment options, providing customers with a seamless and secure checkout process.
- **Scalability:** Designed the backend system with scalability in mind, ensuring Emateli could easily accommodate an increasing number of users and transactions without compromising performance.
- **Collaboration:** Worked closely with the frontend development team, fostering effective collaboration with other developers, designers, and stakeholders to deliver a seamless e-commerce application.

My role as a Software Engineer at Emateli significantly contributed to the company's success in providing a user-friendly, secure, and efficient e-commerce platform. I took pride in my involvement in developing an application that enabled Emateli to offer an extensive array of products, ultimately driving growth and customer satisfaction.

Administrative Coordinator Bookinga Ltd - Kigali, Rwanda **July 2022 - October 2022**

As an Administrative Coordinator at Bookinga Ltd, I played a vital role in optimizing office operations through proficient use of Microsoft Office applications. My responsibilities encompassed a wide range of administrative tasks, showcasing a high level of proficiency in Microsoft Word, Excel, PowerPoint, and Outlook.

Responsibilities:

- Prepared and formatted documents, reports, and presentations using Microsoft Word and PowerPoint, ensuring a professional and polished appearance.
- Maintained and updated spreadsheets in Microsoft Excel for various purposes, including data tracking, budgeting, and analysis.
- Coordinated schedules, appointments, and meetings through Microsoft Outlook, demonstrating effective time management and organizational skills.
- Assisted in the creation and distribution of internal communications and memos using Microsoft Office tools.
- Provided training and support to colleagues on Microsoft Office applications to enhance overall office productivity.

Skills:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook
- Office Administration

Through my role as an Administrative Coordinator, I contributed to the seamless functioning of office activities by leveraging Microsoft Office applications, promoting efficiency, and ensuring the production of high-quality documents and communications.

Software Engineer Intern, MSC Ldt – Kigali, Rwanda (Remote) **May 2023 - July 2023**

During my internship at Marketing Science Company, I partnered with a developer to implement RESTful APIs in Java Spring Boot. This initiative significantly increased the analytics team's reporting speed by 24%. In addition, I played a key role in enhancing the quality of a client application by implementing a robust unit testing infrastructure using Selenium. This effort resulted in an 11% month-over-month reduction in reported bugs by the client.

Skills: Java Springboot - Selenium

Key Contributions:

- **RESTful APIs Implementation in Java Spring Boot:** Collaborated on implementing RESTful APIs using Java Spring Boot, contributing to a substantial improvement in the analytics team's reporting speed.
- **Unit Testing Infrastructure Development with Selenium:** Enhanced the quality of a client application by implementing a comprehensive unit testing infrastructure using Selenium, leading to an 11% month-over-month reduction in reported bugs.

This internship experience demonstrated my proficiency in Java Spring Boot development for backend APIs, as well as my commitment to ensuring the reliability and quality of client applications through effective testing strategies.

PROJECTS & LEADERSHIP EXPERIENCE

FashionFusion - E-commerce Platform – founder

June 2021 - December 2021

Led the end-to-end development of "FashionFusion," a robust web-based E-commerce platform specializing in clothing and footwear. Showcased exceptional proficiency in both frontend and backend development, ensuring a seamless and efficient online shopping experience. Implemented cutting-edge features, including intuitive user interfaces, secure payment gateways, and personalized product recommendations, contributing to a significant boost in user engagement and sales.

Skills:

- Fullstack Development
- Frontend: React, HTML, CSS
- Backend: Node.js, Express
- Database: MongoDB
- E-commerce Optimization

GameRealm - Online Multiplayer Game – Lead Backend Developer

March 2022 - May 2022

Played a pivotal role in the development of "GameRealm," an exhilarating real-time online multiplayer game. Spearheaded the crafting of server-side infrastructure, ensuring seamless gameplay, efficient data management, and robust data communication. Implemented scalable solutions to handle a large player base, optimizing server performance and enhancing the overall gaming experience.

Skills:

- Backend Development
- Server-side Infrastructure
- Real-time Data Communication
- Scalability Optimization

CryptoMarketplace - NFT Trading Center – Lead Frontend Developer

January 2023 - March 2023

Designed and developed "CryptoMarketplace," a user-friendly Decentralized Trading Center website for NFTs. Showcased expertise in frontend technologies, user experience design, and secure NFT trading. Implemented intuitive interfaces for browsing, buying, and selling NFTs, contributing to the platform's success in fostering a vibrant and secure NFT trading community.

Skills:

- Frontend Development
- User Experience Design
- Decentralized Applications (DApps)
- NFT Trading Platforms
- Security in NFT Transactions

IT Trainer - Maks Ltd (Online School Platform) – IT Trainer

August 2023 - December 2023

As an IT Trainer at Maks Ltd, I played a key role in delivering essential IT training through the online school platform. During my tenure, I facilitated courses to equip learners with fundamental IT skills. The training programs covered various aspects of information technology, catering to a diverse audience seeking proficiency in areas such as computer literacy, software applications, and basic programming. Responsibilities: Conducted virtual training sessions on a range of IT topics, ensuring effective knowledge transfer to learners. Developed and updated course materials to keep pace with industry advancements and changes in technology. Provided personalized assistance and support to students, addressing their queries and concerns related to IT concepts and applications. Collaborated with the curriculum development team to enhance the overall quality and relevance of IT training programs. Utilized online learning platforms and tools to create engaging and interactive learning experiences for participants.

Skills:

- Online Teaching
- Course Development
- IT Fundamentals
- Educational Technology
- Student Support

Through my role as an IT Trainer, I contributed to the empowerment of individuals by fostering a solid foundation in IT skills, preparing them for various challenges and opportunities in the digital world.

VOLUNTEERISM

I have a strong passion for computer science and a deep commitment to giving back to the community. As a volunteer, I have dedicated my time and expertise to guide and mentor students and friends from other schools who share an interest in computer science and programming. I firmly believe in the importance of mentorship and have taken it upon myself to empower these aspiring computer scientists with the knowledge and insights they need for career development. Through this volunteerism, I've created an environment of learning and growth, fostering collaboration, and helping individuals to develop essential skills for their future in the technology industry. My goal is to inspire and support the next generation, and I take great pride in my role as a mentor in the field of computer science.

INTERESTS & HOBBIES

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| ● Personal Relations | ● Psychology | ● Movies and Documentaries |
| ● Athletics [Basketball and Football] | ● Sociology | ● Awareness meditation |
| ● Music and Lyrics | ● Philosophy | ● Storytelling |