

YVES ISITE

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SUMMARY

A passionate Software Engineer and transcriber with a proven track record of more than three years of experience working on mobile and web solutions, from initial requirements analysis to leading teams through entire project life cycles (from planning to deployment and beyond in maintenance). My expertise in designing, developing, and deploying scalable Frontend and backend solutions, coupled with my strong command of Android development frameworks and tools, enables me to create efficient, high-quality applications that meet user expectations. With a passion for staying up-to-date with emerging technologies and industry trends, I am committed to delivering innovative solutions that drive your business growth and success.

EDUCATION BACKGROUND

Rwanda Coding Academy (Nyabihu, Rwanda)

Jan 2020 - Aug 2023

WORK EXPERIENCE

Software Developer at IST Group (Remote)

Nov 2023 - Present

The leading edtech company in Scandinavia. More than 5 million users. Four hundred co-workers and nine offices. From Kiruna in northern Sweden to Munich in southern Germany. IST Group is the leading edtech company in Scandinavia! For more than 40 years, we have made everyday life easier for students, parents, teachers, and managers.

Java - Spring - Vue.js - Rancher - Octopus - Atlas (IST Group Internal UI library) - Requirement analysis

- I collaborated with the intensive team tasked to augment the legacy version of IST Group's Norway and Swedish School software with curriculum management features, enrollment intricacies facilitation and a modern user interface.
- Actively participated in peer mob design (this means designing steps for issue execution in IST Group).
- Regularly contributed to issue peer reviews, QA meetings, iteration, cross-team talks, and Test-Driven improvement sessions.
- I also regularly posted memes and other related materials in the fun and off-topic channels of the organization.

Full-Stack Developer at Innoways LTD (Remote)

Jul 2021 - Mar 2023

Innoways is a Chinese company that, since 1994, has enabled leading companies to generate measurable values through a continuous cycle of innovation.

React - MongoDB - TypeScript - Koa.js - Next.js - Docker - PM2 - Project documentation - Requirement analysis

- Actively participated in developing and maintaining a variety of enterprise web applications using modern technologies, orchestration, and deployment environments: PM2, Docker, Jenkins, and Kubernetes.
- Worked on both FE and BE, including implementing UI/UX designs, creating RESTful APIs, integration, and writing customizable database queries (through readable JSON files).
- Collaborated with a team of 16 people to develop and deliver robust database and JSON configurations for CMS applications for client companies of INNOWAYS LTD.
- Resolving persistent bugs and other issues on the system's backend side.

Part-time Frontend Developer at Sirch (Remote)

Oct 2022 - Jan 2023

Sirch is a startup based in the USA that provides a Search engine that emphasizes Democratic search. There are no links, just results. Next-gen AI search engine.

React - TypeScript - Hyperbeam - OpenAI GPT APIs

- Worked on a powerful search engine that uses OpenAI GPT APIs and Hyperbeam.
- Improved the application's performance, optimized sub-components related to third-party APIs, and made sure to use standard ways of optimization.
- Adjusted queries and arguments passed to GPT APIs as parameters that get better and faster NLP human-friendly responses.

English-Kinyarwanda Transcriber at Sigma.AI (Remote)

May 2023 (2 weeks)

Sigma.AI is a global training data collection, preparation, and annotation services company. For companies building the next generation of AI, we provide the highest quality training data at scale, with a human touch.

Transcription - English - Kinyarwanda

- Transcribed audio recordings from English to Kinyarwanda.
- Ensured accuracy and completeness of transcriptions, including proper punctuation, grammar, and spelling.
- Adhered to project deadlines and delivered high-quality work.
- Utilized Google Cloud Speech-to-Text transcription software and tools to increase efficiency and accuracy, hence fastening the job.

- Conducted research to understand the context and terminology used in the recordings. Maintained confidentiality and integrity of client information.
- Demonstrated professionalism and accountability in all interactions with clients and colleagues.

INTERNSHIPS

Intern Full-Stack Web & Mobile Engineer at PivotAccess (Onsite)

Aug 2023 - Oct 2023

A Rwandan company that provides technology system solutions and consultancy all over East African countries, with over 30 employees and ~\$2 Million in annual revenues, working with vendors like ministries, companies, and other institutions such as Irembo, RRA, and NIDA.

NodeJs - CI/CD - Docker - Flutter - React Native - MongoDB - TypeScript - REST

- Designed new features, data-flow diagrams, flow charts, Use case diagrams, and Entity Relationship diagrams using UML
- Acted as the bridge between client needs and final implementation as the lead for gathering system requirements and confirming new changes.
- Conceptualized and designed the database structure for two project microservices from scratch following software requirements.

Configured CI/CD to match the conventions of the company and successfully built & deployed two microservices to the production environment (Deployment of officers & resource distribution and Boxes and Booklets/Contravention tickets).

Intern Software Engineer at Andela (Remote)

Mar 2022 - Aug 2022

Andela is a global job placement network for software developers. Andela focuses on sustainable careers, connecting technologists with long-term engagements, access to international roles, competitive compensation, and career coaching through the Andela Learning Community.

ReactJS - NextJS - CI/CD- Docker - Tailwind - NodeJS - PostCSS - TypeScript - REST - ExpressJS - Redux - Code Peer Review - Task management (with Jira and PivotalTracker)

- Deployed the working applications on DigitalOcean using GitHub Actions, Kubernetes, and Docker.
- Resolved technical issues raised in the production stage.
- Developed, tested, and deployed products with the team using the MERN stack.
- Designed new features, data-flow diagrams, flow charts, and other diagrams and designs using UML.
- Reviewed other developers' source code and mentored them.

PROJECTS

Closet360: A VR (Virtual Reality) solution that allows customers to try on clothes virtually and see various fitting metrics quickly and efficiently.

IoT Weather Station: A multi-function embedded system and IoT solution that constantly detects different weather parameters such as humidity, temperature, air pressure, and more to provide timely updates and notifications for students to remove/put on sweaters, measure climatic conditions in an area to propose crops that are relevant to the respective weather and soil type. It also includes farming support technology such as auto irrigation according to the amount of water present in the soil and the needed one.

Topsec: An IoT security solution providing consistent house and door monitoring and tag security verification, sending alert messages with Lora Radios and automatic lights depending on the time of the day.

Waiter Bolt: This tool is designed to make it easier for hotel clients to order products digitally with a human-friendly bot assistant. It integrates a speech-to-text model, which allows users to place orders using their voice.

SKILLS

- Flutter
- Java and SpringBoot
- ReactJS, Angular, NextJS, and Redux
- NodeJS and ExpressJS
- C and C++
- PHP [Laravel, Slim & CodeIgniter]
- React Native
- APIs [Rest API & GraphQL]
- CI/CD - Docker
- Typescript
- MySQL
- MongoDB
- Python [Flask & Django]
- Transcription

OTHER RELEVANT INFORMATION

Languages: - English (Fluent) - Kinyarwanda (Native) - Kiswahili (Conversational) - French (Elementary)

Additional skills: Google Cloud, Github, Vercel, Kubernetes, Gitlab CI/CD, PostgreSQL, Jest, JUnit, Mockito, Vue, Linux, Slack, Discord, HTML/CSS, SQL, Penetration testing, Computer vision (Model training), DSA (Optimizing systems' algorithms)

CERTIFICATES

- HackerRank Python | [Link](#)
- HackerRank CSS | [Link](#)
- RCA (Rwanda Coding Academy) Ideation
- Duolingo English Test (DET) | [Link](#)

and Prototyping Workshop

- HackerRank Javascript | [Link](#)

- EFSET English Certificate | [Link](#)

HOBBIES AND INTERESTS

- Ecologist Action , Farming
- Drawing
- Jump rope workout
- Reading biographies
- Documentary films
- Chess , Rubik's Cube
- The Billionaires Club content
- Athletics [Football and Marathon]
- Acapella, R&B, Rap music
- Competitive programming
- Adventurous Travel
- Fashion & Modelling