Irere Emmanuel

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Skills

- JavaScript | TypeScript | Elixir | React Native | React | MySQL | Node | Express | React | Vue | Redux | NoSQL | Git | UI/UX Design
- AWS | Azure | Cloud Computing | CI/CD | Jest | Unit Testing | Lambda | OOP | AWS Amplify | GraphQL
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Kinyarwanda – *All professional proficiency or above*

Projects / Experience

RCA MIS   *Rwanda coding Academy*   **Ongoing**

- Frontend developer working on a system for managing students and reporting marks to both parents and students and helping in managing school records. It the frontend was developed using **Nextjs**, **React** and **React Native** for mobile app.

- Github CI/CD for Continuous Integration/Deployment to **AWS** Instance

Spek   *Real-time public communities*   **2023-2024**

- Led the design and development of applications using the latest technologies of **AWS, Nextjs, PostgresQL, Dokku and Docker**
- Designed and implemented scalable APIs using Elixir**, AWS VMs**, and other **AWS cloud technologies**
- Led the development of several products E2E, from identifying system requirements and partner workload balancing,
   software implementation, engineering, testing, and configuring metrics, alarms, monitors, and dashboards.
- Enriched system metrics by integrating the platforms with telemetry; facilitated in-depth logging by correlating APIs
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, unit/integration/e2e testing

Quibi   *Autonomous Learning World*   **2022**

- Implemented using **Next.js, Elixir**, **React**, **AWS**, and **PostgresQL**.
- Designed and developed the design sytem in Figma .
- Automated e2e testing on the frontend built with Next.js using **Crypress.js**
- **Storybookjs** for testing components in Isolation to be used in the whole sytem
- **Electron** wrapper for the desktop app

NEOX   *Communication for students*   **2021**

- Implemented using **React.js, Typescript**, **React**, **Heroku**, **PostgresQL and GraphQL API**.
- File uploading using **GraphQL** upload and **React File Upload**
- Authentication using the **Oauth protocol**

Education

A2 Diploma   **Rwanda coding academy**   **Rwanda**

- Software programming and Embedded systems

Others

- **Award**: Won 10th prize in 30 people for the development of scratch game in Rwanda Scratch competition (04/2021) in whole country.