Erick Frederick

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Skills

Programming Languages: Javascript, Java, C#, C++
Tools: Git, CI/CD, Jira, Figma
Spoken Languages: Portuguese, English, Japanese

Experience

Full Stack Developer, Prodemge − Belo Horizonte, Brazil   Sep 2021 − Present
- Created robust and secure government applications
- Ported legacy code bases to a more updated language stack, on average, increasing performance by 20%
- Used **Typescript** with **Angular** on web and **React Native** on mobile
- Developed the back-end using **Java** framework **Spring Boot**
- Implemented a in house ORM for mainframe and used **Hibernate** for MYSQL
- Streamlined PDF and Microsoft's Word files, using respectively **iText** and **Apache POI** API's
- Designed and implemented UI based of the client's already settled patterns

Full Stack Developer Intern, Kukac − Belo Horizonte, Brazil   Apr 2021 − Sep 2021
- Improved applications heavily based on consuming **IBM Watson** API
- Developed applications using **Typescript** with **Angular** at the front-end, while using **Express** at the back-end for the creation of responsive and smart chatbots
- Improved the Watson Assistant instances algorithms
- Analyzed and developed DevOps activities, such as setting up and running **Docker** environments with CI/CD

Projects

Centralized Services | Portfolio API − Node, ASP.Net, Docker, NGINX, MongoDB
- Orchestrated the services with **Docker**'s Docker Compose
- Designed and developed a interactive documentation page for the services endpoints with **Angular**
- Orchestrated the application API with **Docker** and a reverse proxy powered by **NGINX**

Ordering system | Karikariyaki − Angular, Node, SocketIO, MongoDB, Docker
- Architected and developed a REST API using **Node** consuming **MongoDB**
- Developed a role based administration page with product, order, and worker registry systems
- Built different pages for distinct areas of the ordering system with **Angular**
- Reduced waiting lines by 60% with live order updates transmitted using **Socket.IO** across different access ways

Education

Anhanguera University − Bachelor of Science, Computer Science