

Hericles Bitencourt Rocha

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Skills

- Python | Java | Spring Boot | Django | Fast API | JavaScript | TypeScript | C | MariaDB | MySQL | MSSQL | OracleDB | Postgres | Node | Express | React | React Native | Vue | Redux | jQuery | NoSQL | Git | PHP | Laravel | HTML | CSS | SSH | Linux
- Azure | AWS | Jira | Linux | IIS | Docker | CI/CD | Unit Testing | OOP
- Frontend | Backend | Full-Stack | English and Portuguese

Experience

Software Engineer Lactec Curitiba, PR, Brazil 09/2022 - Current

- Led the design and development of enterprise-level applications for major industries, government organizations throughout Brazil, such as Neoenergia, CPFL Energia, Brazilian National Electric Energy Agency (ANEEL) and companies across various engineering fields, projects involving millions of revenue monthly, using the latest technologies of **MS IIS, Linux Servers, Docker, Spring Boot, Django, DRF, React and Postgres**.
- Processed **GeoJSON** data to build interactive maps dashboards to visualize geospatial data using the **Leaflet** and **turf.js** libraries.
- Designed and implemented scalable APIs and background workers to execute and track AI (artificial intelligence) model scripts outputs using **Django, DRF, and React**.
- Enriched system metrics by integrating the platforms with telemetry like **Sentry**; facilitated in-depth logging and debugging.
- Developed mobile applications using **React Native** that communicates with **IoT** and **PCBs** (printed circuit boards) firmwares.
- Projects developed using **Java** with the **Spring Boot** framework.
- Essential skills in teamwork, collaboration, code reviews, pull requests, pair-programming, project management, and resolving complex problems to deliver high-quality software solutions.

Software Engineer, Contract Texas Seguros Salvador, BA, Brazil 04/2022 - 08/2022

- Designed and implemented a CRM with Feature driven development (**FDD**) approach using **Django, DRF, React, Postgres** and **Heroku**, an enterprise application that solved a complex historical data problem that saved 5 millions of dollars annually for the company.
- A contract with approximately 2500 customers, specifically designed for SulAmérica, one of the top health insurance companies in Brazil, with various modules such as User Management, Plans, Age Ranges, Taxes, Odonto (dental), and more.
- Implemented an efficient database query strategy given the extensive historical data within the system, and an unique algorithm to generate Income Tax statements for customers.

Software Engineer Conecti Salvador, BA, Brazil 08/2021 - 03/2022

- Developed a **SAAS** platform with integration with the Unique Healthy System of Brazil (SUS) using **Vue.js** and **Angular**, the system had several modules such as pharmacy management, electronic health records, appointment scheduling, prenatal care, and more.
- Reported and pointed out all the shortcomings associated with the existing development approach, as a result, the entire frontend was migrated from **Vue.js** to **Angular**.

Software Engineer, Intern Senai CIMATEC Salvador, BA, Brazil 09/2020 - 12/2020

- Designed and implemented with **Angular**, the frontend of a research project for the Chinese company Huawei, involving fields such as artificial intelligence, electronics, and router communication.

Software Engineer, Contract Texas Affinity Salvador, BA, Brazil 2019

- Designed and implemented an enterprise application using **Laravel** and **MariaDB**, to eliminate manual informative emails of contract receipts, reducing the administrative overhead while ensuring consistent and timely communication with sellers and other insurance companies. To achieve this was implemented features such as an automated data import from spreadsheets and a dashboard with filters.
- Later, it was migrated to **Django, DRF, and React**.

Education

Bachelor of Science Senai CIMATEC University Salvador, BA, Brazil 01/2016 - Current

- Major in Computer Engineering

Projects

- **Minha Nota**: Developed in **React Native**, a mobile application which aims to help college students calculate the grades needed to pass a given subject.

Certifications

- **[PCAP-31-03] PCAP™** – Certified Associate in Python Programming (11/2022)
- **Advanced React Scrimba** – The best learning experience paired with a world-class instructor Bob Ziroll. (04/2023)
- **IT Essentials CISCO** – Fundamentals of Connecting Computers to Networks. (06/2022)