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EDUARDO ANTONIO RANGEL SERRANO

FULL-STACK DEVELOPER

I am a Full-Stack programmer with 3 years of experience in web and mobile application development. I have worked on projects of different sizes and complexities, and I have specialized in the use of technologies such as JavaScript, Node.js, React, Python, Django, Flask, FastApi, for mobile apps with Java, Kotlin or React Native. In addition, I have a solid understanding of software design and architecture principles. I am confident that I can bring my skills and knowledge to your company and contribute to the success of your projects.

MOST RECENT WORK EXPERIENCE

December 2019 - present

LAST WORKS

- I developed a web platform for a restaurant that allowed customers to check the menu and prices, make orders and reservations. I connected it to a Python backend with Django and a desktop app to facilitate data updates and improve the restaurant's productivity. I used MongoDB as the database, TypeScript along with React.js for the frontend and Sass for styling. I documented the project to make it easier for other developers to understand. This project improved the exposure of the restaurant, as well as having better interaction. The development of this web platform took 4 weeks.

- I developed a desktop application for a restaurant that connected to the Python backend of their website to add, update and remove products from it. It also included a local database with MongoDB that could be exported to CSV to keep track of sales, profits and graphs of the restaurant's evolution. I used Electron.js and CSS to create an attractive interface for the application. I documented the project to make it easier for other developers to understand. This project improved the ease of updating data and allowed us to have a more detailed control of the evolution of sales. The development of this desktop app took 3 weeks.

- Work at LySS a company specializing in web and mobile app development, as well as updating, support and fixes for existing projects. We used languages such as HTML, CSS, SASS, JavaScript, TypeScript, Python, NodeJS, SQL, Docker and MongoDB for web development, and Kotlin, Java, React Native, MySQL for mobile app development. As a Full-Stack Developer at LySS, my responsibilities included creating websites and mobile apps from ideas, guiding the client and team to bring the project idea to reality, as well as identifying and properly structuring the more complicated sections of the client's design. During my time at LySS, I learned to work in a team, to organize the team to work together, communicate and understand the client's needs through their proposals and requirements.

- As a freelance mobile developer, I was dedicated to creating mobile apps for each client's personal use using React Native and Kotlin. Some of my responsibilities included developing apps that allowed clients to connect to their websites or other web pages and have a summary of their interests, manage their income and expenses more specific to their needs, organize their activities, and send automated emails to designated contacts. I also worked on integrating APIs to synchronize the applications with accounts and other applications that customers use frequently. During this work, I learned to work independently and adapt to the needs and requirements of each client.

PERSONAL PROJECTS

- I developed a desktop application using Electron.js that allows me to perform complete mathematical operations. The user interface is designed in a neomorphism style with Sass. This project allowed me to improve my programming logic and proved that I am able to face problems without help and find functional solutions on my own. I decided to install only the basics, such as the Sass framework and compiler, and program everything else myself, without resorting to help from the Internet.

- I developed a web application that allows users to read and organize their Markdown files by subject, language and tag. The application features a markdown finder and is written in Next.js with TypeScript and styled with Sass in a modern style. Through this project, I improved the interaction of the server with the client, which allowed me to understand how the flow of the application should be to avoid user-visible errors and take steps to fix them..

- I developed a web application that allows users to create and manage their tasks. The application has a backend written in Python Flask, a MongoDB database and a frontend with React.js and Bootstrap. This project allowed me to improve my skills in making queries to the backend and sending data to the database..

SKILLS AND KNOWLEDGE

TECHNOLOGIES

- JAVASCRIPT
- TYPESCRIPT
- HTML
- CSS
- REACT.JS
- VUE.JS
- ELECTRON.JS
- PYTHON
- DJANGO
- FLASK
- FASTAPI
- JAVA
- KOTLIN
- C++
- REACT-NATIVE
- MYSQL
- MONGODB
- POSTGRESQL

SOFT SKILLS

- PROBLEM SOLVING
- AUTODIDACT
- TEAMWORK
- COMMUNICATION
- CREATIVITY
- CONTINUOUS LEARNING
- ADAPTABILITY
- DECISION MAKING
- TIME MANAGEMENT

EDUCATION

Bachelor's Degree in Computer Systems Engineering (in progress): I am currently pursuing a bachelor's degree in Computer Systems Engineering. I have completed courses in areas such as programming, databases, software architecture and operating systems.

LANGUAGES

Spanish and English