

JAVIER RAMIREZ SALAZAR

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Education

University of Houston Downtown

Houston, TX

B.S in Computer Science

2017-2022

- **Coursework:** Data Structures & Algorithms, Software Engineering, Natural Language Processing, Object-Oriented Programming, Database Systems, Operating Systems, Internet of Things, Artificial Intelligence

Technical Skills

Languages: Python • C++ • C# • Java • SQL/NoSQL • Dart • Kotlin • HTML • CSS • JavaScript

Frameworks: Django • Flask • Pandas • ASP.NET/MVC • Bootstrap 5 • Express.js • FastAPI • PowerBI • Unity

Developer Tools: Git • GitLab • Azure • Docker • VS Code • VS

Experience

Esync Technologies

Remote

Software Engineer Intern

Aug 2023 - Current

- Independently developed a Full-Stack Flutter mobile app focused on Unemployment and Job Market Trends using FlutterFlow and Dart.
- Integrated external APIs to gather real-time data, enhancing the app's functionality and relevance.
- Designed and implemented the Front-end, ensuring a highly intuitive user experience, while also managing Back-end services for data handling.
- End-to-end process of app submission and launch, resulting in the successful publication of the application on the Google Play Store

Personal Projects

Django E-Commerce Website - Repository

2023

- Independently designed and developed an e-commerce website using Python, Django, and SQLite, adhering to the MVC pattern.
- Created custom templates and a user-friendly interface, showcasing expertise in full-stack web development.

Blog Web App - Repository

2023

- Conceptualized, designed, and developed a dynamic blog application using MongoDB, Express, React, and Node.js.
- Enhanced performance by optimizing the storage and retrieval of content, including blog posts, comments, and user profiles, through a structured MongoDB database.
- Implemented user authentication and authorization systems to ensure secure access and management of blog content, enhancing overall website security and user experience.

School Web Portal - Repository

2022

- Collaborated with a team of 3 to replicate the school's website portal using C++ and Qt software, following the Software Development Life Cycle process.
- Executed crucial features for user authentication and account creation, ensuring secure and user-friendly access to the portal.
- Achieved a **20%** increase in user satisfaction by delivering a user-friendly interface

Restaurant Based RDBMS - Repository

2021

- Co-developed a restaurant-based RDBMS with MySQL for efficient management of menu items, customers, employees, and loyalty program.
- Created the database, developed database queries, wrote SQL scripts, and tested the system, ensuring that the database was fully functional and met all of the project guidelines.
- Applied data validation checks, reducing data entry errors by **90%** and ensuring accurate customer information and order history.

Languages

English: Proficient **Spanish:** Native