César Jiménez Salazar

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Education

Costa Rica Institute of Technology   Expected March 2025
Bachelor of Science in Computer Engineering   GPA: 90/100

Experience

Front-End Web Developer Intern   Mar 2024 – Present
BlockTec (US) – Phoenix, AZ

- Develops highly responsive user interfaces (UIs) by expertly translating Figma designs into cross-browser compatible, mobile-first code.
- Crafts cohesive and intuitive user experiences by leveraging the MUI Library, React, and TypeScript.
- Collaborates effectively and maintains code integrity using Git and GitHub for version control and revision management.

Projects

Inventory system for real small business   Dec 2023 – Jan 2024

- Analyzed the needs of a small paper product business that required a custom inventory system for streamlined operations, billing, and reporting.
- Designed system architecture, creating detailed documents (IEEE 829, SRS, SAD), and employed an incremental implementation approach, delivering weekly features and conducting regular client reviews.
- Implemented successfully, all of the specified requirements that resulted in heightened client satisfaction, increased operational efficiency, and improved inventory tracking, empowering the business with valuable sales and expense insights through customized reports.

Supermarket shopping platform using distributed databases   Sept 2022 – Nov 2022

- Built an online shopping platform using the ASP.NET framework for a fictional supermarket chain with presence in four latin american countries to extend the market to online customers.
- Designed the database model for each country's server and implemented horizontal fragmentation to separate the products that were sold on every country using SQL Server.
- Achieved to implement an easy-to-use platform increasing the chain's customer volume and reducing costs by automating the process of a significant number of orders.

Skills

Programming: Python, C, C++, C#, Java, JavaScript, TypeScript, HTML, CSS, JQuery
Frameworks/Tools: ASP.NET, Bootstrap, Tailwind, React.js, MaterialUI, Express.js, Figma, Docker
Databases/Cloud: Microsoft SQL Server, MySQL, Oracle Database, MongoDB, Azure
Languages: English, Spanish
Extracurricular: Ranking 7th place national at IEEEXtreme 16.0. Completed 50 hrs in Object Oriented Programming tutoring program. Part of the Student Council and Student Association of the Computer Engineering School of 2023 at Costa Rica Institute of Technology.