JULIO CESAR MARTINEZ MEZA

Ambitious 20-year-old Systems Engineering student from Colombia with a passion for full-stack development. Proficient in both frontend and backend technologies, combining technical expertise with a drive for innovation. Eager to apply academic knowledge and practical skills to real-world projects, contributing to cutting-edge software solutions.

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EDUCATION

Corporación Universitaria del Caribe CECAR - Systems Engineering   Expected Graduation: 2025
- Currently in 8th semester

TECHNICAL SKILLS

Frontend | React, Next.js, JavaScript, TypeScript, CSS, Tailwind, TanStack Query, React Hook Form
Backend | Node.js, Express.js, C#, ASP.NET Core, Zod
Mobile | React Native, .NET Maui
Databases | PostgreSQL, MySQL, SQL Server, SQLite
ORM/Query Builders | Prisma, Drizzle, Entity Framework Core
Testing/Deployment | Jest, Docker, CI/CD (GitHub Actions)
Architecture/Patterns | MVC, MVVM, Repository Pattern, RESTful APIs
Developer Tools | Git, npm, pnpm, Swagger, Agile Methodology, TDD
Languages | Spanish (Native), English (C1)

EXPERIENCE & PROJECTS

Fullstack Engineer | ComparaYa   July 2023 - November 2023

Mobile and web application for product comparison   JavaScript | Node.js | .NET | PostgreSQL | Firebase Auth
- Developed a web scraping system using Puppeteer.js to automate product information collection from various Colombian distributors.
- Built a robust backend interfacing with both a Xamarin (.NET MAUI) mobile app and a React web app.
- Designed and implemented UI/UX for both mobile and web platforms, ensuring seamless user experience.
- Managed the entire project lifecycle from initial client discussions to deployment and maintenance.
- Garnered significant interest from key university stakeholders due to the project's innovation and execution.

Fullstack Engineer | tâche   March 2024 - June 2024

Team task management application   TypeScript | Node.js | Express | PostgreSQL | Prisma
- Engineered a responsive frontend using React, TypeScript, and TanStack Query, implementing smooth state management and JWT-based authentication.
- Designed an efficient database schema and implemented it using PostgreSQL and Prisma ORM.
- Developed custom authentication mechanisms with JWT, refresh tokens, and password encryption.
- Containerized the application using Docker and established CI/CD pipelines with GitHub Actions.
- Conducted comprehensive unit testing using Jest to ensure application reliability and performance.

Fullstack Developer | Jobsies   June 2024 - July 2024

Job board web application   Next.js | Drizzle ORM | Tailwind CSS | TypeScript | PostgreSQL | Vercel | Lucia Auth
- Developed a comprehensive job board platform for tech positions using Next.js and server actions.
- Implemented efficient data management with Drizzle ORM and PostgreSQL database.
- Integrated Vercel Blob for file storage and Lucia Auth for secure user authentication.
- Designed and developed an intuitive UI/UX for both job posting and job searching functionalities.
- Utilized Tailwind CSS for responsive and aesthetically pleasing design across devices.

Backend Developer | Stockies   July 2024 - August 2024

Stock Management Web API   C# | ASP.NET Core | Entity Framework | SQL Server | Swagger

- Architected and implemented a robust RESTful Web API for stock management using ASP.NET Core.
- Utilized Entity Framework Core with the repository pattern for efficient data access and management.
- Developed a clean, maintainable architecture adhering to MVC pattern and SOLID principles.
- Implemented secure authentication and authorization mechanisms to protect sensitive data.
- Integrated Swagger for comprehensive API documentation, enhancing developer experience.