Carlos Alberto Mendoza

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Full-Stack Developer with hands-on experience building, scaling, and deploying production web platforms using React, TypeScript, Node.js, PostgreSQL, and Redux. Delivered real-time systems supporting 500+ active students, deployed on a VPS using Nginx. Strong problem-solving mindset across front-end, back-end, and infrastructure.

Education

Universidad Francisco de Paula Santander Ocaña   Colombia
Environmental Engineering   March 2017

Henry Bootcamp   Colombia
Full-Stack Developer   November 2024

Experience

Lingolandias Online School   Bogota, Col
Full-Stack Developer   November 2023– Present
- Built and maintained a full-stack learning platform using React, TypeScript, Node.js, and PostgreSQL, supporting daily live classes.
- Implemented real-time chat with Web-sockets (Socket.IO) to enable instant student–teacher communication.
- Designed REST APIs to handle user management, scheduling, and messaging, improving platform reliability.
- Developed an interactive assessment flow on the front-end and automated email delivery of results via back-end services.
- Collaborated on a React Native mobile application, reusing back-end services to ensure consistency across platforms.
- Improved scalability and maintainability by structuring back-end logic with modular services and clear API contracts.

Intouch CX   Colombia
Customer Service Representative   October 2023– Present
- Responded to customer inquiries about L'Oreal via phone, chat or email.
- Provided accurate information about products, services, and company policies.
- Helped troubleshoot and resolve customer complaints in a timely manner.
- Called and provided assistance to customers who had Health Related Complaints regarding L'Oreal products.
- Worked with other departments to resolve customer issues effectively and participated in team meetings to share updates and best practices.

SENA - Servicio Nacional de Aprendizaje   Colombia
English Instructor   Feb 2019 - Sept 2023
- Fostered a positive and inclusive classroom environment.
- Created, administered, and graded assignments, quizzes, and tests.
- Helped troubleshoot and resolve customer complaints in a timely manner.
- Tracked and reported student progress to parents, guardians, or administration.
- Used a variety of teaching methods to accommodate different learning styles (e.g., lectures, discussions, interactive activities).

Projects

Service Marketplace Platform — Full-Stack Developer (Henry Bootcamp)   Colombia

Full-Stack Developer   November 2024

- Built backend services using NestJS and PostgreSQL, implementing JWT-based authentication and password encryption with bcrypt.
- Developed real-time messaging with Socket.IO and automated email notifications using Nodemailer.
- Integrated Google OAuth 2.0 for secure and simplified user authentication.
- Designed a responsive frontend using Next.js and Tailwind CSS, improving performance and usability.
- Documented APIs using Swagger and validated endpoints with unit tests (Jest).

Skills

Technical:

- Frontend: React, Next.js, JavaScript (ES6+), TypeScript, Redux, Tailwind CSS.
- Backend: Node.js, NestJS, Express, REST APIs, WebSockets (Socket.IO).
- Databases: PostgreSQL, SQL.
- Auth & Security: JWT, OAuth 2.0, bcrypt.
- DevOps & Tools: Git, GitHub, Docker, Nginx, VPS Hosting, AWS S3, CI/CD.
- Other: React Native, Email Services (Nodemailer), Agile / Scrum

Language: English: C1 (CEFR) – Fluent.