

Emilio David Cabezas Collantes

Fullstack Developer

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Full Stack Developer with over 5 years of experience in the JavaScript ecosystem across the full development cycle. Throughout my career, I've worked extensively on both frontend and backend development, as well as desktop and mobile applications. I'm passionate about startups, and my main strengths lie in building and rapidly iterating on products.

OBJECTIVE

To further develop my skills and pursue a professional career as a web application developer.

LANGUAGES

- **Spanish:** Native
- **English:** Advanced

TECHNOLOGIES

HTML, HTML5, Responsive Web Design, CSS, JavaScript, Bootstrap, Tailwind CSS, jQuery, Sass, React, Redux, JSON, Ajax, NPM, Node.js, Express, Next.js, MongoDB, MySQL, AWS, DynamoDB, Serverless, Lambda, Athena, S3, PHP, Laravel, Algorithms, Data Flow, Big O Notation.

EXPERIENCE

Web Developer, AUKKO

November 2023 – April 2024

Tech Stack: React, TypeScript, Next.js, OpenAI API, TypeORM, PostgreSQL, MongoDB, AWS, Docker.

- Built custom web interfaces for enterprise clients across different sectors.
- Contributed to open-source projects and non-profit organizations, applying technical skills in real-world environments.
- Integrated external APIs, including OpenAI, to enhance application functionality.
- Implemented backend solutions using both relational and non-relational databases.
- Deployed scalable applications using Docker containers and AWS services.

Full Stack Developer – APILYNK

December 2024 – Present

Tech Stack: Angular, TypeScript, Node.js, MySQL, PostgreSQL, DynamoDB, Athena, Serverless, MongoDB, AWS, Jest

- Developed end-to-end complex systems, including frontend, backend, and automated testing.
- Actively participated in all phases of the development lifecycle: analysis, design, architecture, implementation, and testing.
- Implemented scalable solutions using serverless architecture and AWS services.
- Built dynamic interfaces and CRUD modules using Angular and TypeScript.
- Integrated multiple databases (relational and NoSQL) based on system requirements.
- Applied agile methodologies to ensure efficient, iterative, and user-centered deliveries.
- Wrote unit and integration tests with Jest to ensure code quality.

EDUCATION & TRAINING

Web Development • 2019 – Present • freeCodeCamp

Ongoing training in web development through the digital platform freeCodeCamp, following a structured curriculum and benefiting from community-shared resources.

Task Automation • 2020 – Present • Independent Projects

Experience automating tasks and optimizing workflows using Google Apps Script. Developed custom scripts to enhance operational efficiency, integrate systems, and reduce manual labor in business processes.

Personal Projects • 2019 – Present • Independent Projects

Self-taught in various areas of web development using online resources. Contributed to collaborative projects and developed independent applications as part of continuous learning.

HIGHLIGHTED PROJECTS

PERSONAL PROJECTS

Music News

Automated news blog built with Next.js. It collects articles from the web, parses them using Mozilla Readability, classifies them with OpenAI embeddings, and publishes them automatically.

Technologies:

- **Next.js**
- **Brave Search API** – for retrieving articles and images (2,000 monthly requests, 1 request/second on the free tier)
- **Mozilla Readability** – for cleaning and parsing content
- **OpenAI Embeddings** – for semantic classification of news

Atilio Motors

Landing page for a car dealership built with Next.js. Allows users to browse the vehicle catalog, check financing plans, and submit purchase orders.

Technologies:

- **Next.js**
- **Neon**

COLLABORATIVE PROJECTS

App Meseros

A restaurant application for waiters and customers. Enables waiters to manage orders by branch, table, and status; customers can place orders directly from the app.

Contributions: *Developed most of the frontend views and several backend endpoints.*

Technologies:

- **Next.js**
- **Nest.js**
- **Postgresql**

App ADC

Academic reporting system that stores and visualizes university data: students, teachers, grades, subjects, semesters, and more. Generates visual reports and backup files on demand.

Contributions: *Developed grade reporting pages, subject reports, and observation backup download features (both frontend and backend).*

Technologies:

- **Next.js**
- **Nest.js**
- **Dynamodb**
- **Athena**
- **AWS S3**
- **AWS Lambda**