

DAVID LAM

FULL STACK DEVELOPER

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Skills

Languages:	JavaScript, TypeScript, Python, Java, Rust, C
Frameworks:	React, Node.js, Next.js, Express, FeatherJS, React Native, Django, FastAPI, Tauri
Databases:	PostgreSQL, MySQL, SQLite
Technologies / Tools:	Docker, Docker Compose, CI/CD Pipeline, Git, VPS

Experience

HIGHER EDUCATION INSTITUTE "ALMIRANTE ILLINGWORTH"

2025 – 2026

Full Stack Developer

Guayaquil, Ecuador

- Led the full cloud deployment of the application using Docker and CI/CD pipelines, automating the delivery process and reducing deployment time significantly.
- Built multiple backend modules from scratch, including database models and business logic layers for student management and institutional data.
- Designed and implemented a RESTful API that connected the faculty management system with the accounting application, enabling real-time data synchronization.
- Contributed to frontend optimization and styling across several modules, enhancing user experience and interface consistency.

UCLV's UNIVERSITY RESEARCH CENTER

2023 – 2025

Backend Developer

Santa Clara, Cuba

- Collaborated with cross-functional teams to ensure seamless integration between research tools and collaborative platforms.
- Designed and implemented the organizations module for the Observatory project, streamlining data management for participating institutions.
- Optimized database architecture and query performance, reducing response times and improving overall system reliability.

Projects

LA MUBI

<https://lamubi.vercel.app>

A web-based party game platform featuring charades and impostor game modes, powered by an extensive movie database.

Floralé

<https://florale.vercel.app>

An artisan gift e-commerce platform with shopping cart functionality and WhatsApp-integrated purchase coordination.

Broncos Market

<https://brancosmarket.vercel.app>

A food combo e-commerce platform for streamlined meal bundle ordering.

Education

Central University "Martha Abreu" of Las Villas

2023 – 2027

BACHELOR'S DEGREE IN COMPUTER SCIENCE, COMPUTER SCIENCE

Languages

Spanish: Native · English: C1 · Portuguese: A2