

LUIS EDUARDO LÓPEZ CRUZ

BACK-END DEVELOPER

 github.com/dexuldev

 contact@dexul.me

 www.dexul.me

ABOUT ME

Backend developer passionate about scalable systems, clean architecture, and automation. Enthusiastic about open-source software and continuous learning. Currently studying Computer Systems Engineering while actively contributing to backend solutions that span from modern API development to server administration and cloud deployment. Dedicated to improving user experience and streamlining processes through solid engineering practices.

EDUCATION

Bachelors Degree in Computer Systems Engineering

2025 - Present

Technological Institute of Oaxaca
Oaxaca, Mex.

Technical Degree in Programming Specialist

2022 - 2025

CBTis No. 265, Oaxaca
San Jacinto Amilpas, Oaxaca, Mex.

LANGUAGES

Spanish Native



English C1



French A2



EXPERIENCIE

2022 - Present Freelance Software Engineer & Educator

Oax, Mex.

SELF EMPLOYED @ [HTTPS://DEXUL.ME/](https://DEXUL.ME/)

Offering expertise in Software Engineering, providing a spectrum of services including:

- Software Development
- Project Management
- Web Development

Additionally, actively involved in educating students on diverse subjects such as Software/Web Development, Algebra and English.

2024 - 2025

Oax, Mex.

Back-end Developer & Mobile Backend Developer

UNILLANTAS DE OAXACA S.A DE C.V

In this role, I was in charge of designing, developing, and maintaining internal systems for HR management, operational workflows, and enterprise processes. I worked with technologies such as **Laravel, PHP, JavaScript, MySQL, Vue.js, and TailwindCSS**, using **Laravel's native ORM** for seamless database integration. I developed and integrated **RESTful APIs**, optimized queries, and improved system performance by up to 90%. I also automated notifications via **Telegram bots** using custom API integrations. I also implemented **Pusher-integrated notifications** for real-time updates. I developed a web-based survey system fully integrated with the core HRMS backend.

I built the mobile version of the Human Resources Management System (HRMS) using **Flutter and Dart**. I also designed the **communication architecture to ensure consistency and high performance on mobile devices**. Keeping the **notifications compatibility and document generations**.

SKILLS

PHP (Laravel 10, 11, 12), Java, C# (.NET Core, .NET Framework), JavaScript, CSS, HTML, C/C++, Dart (Flutter), MySQL, PostgreSQL, MongoDB, SQLite, SQL, Vue.js, TailwindCSS, Flutter, Docker, Git, AWS Lambda, AWS EC2, Stripe API, Linux servers