






# ALESSANDRO LÓPEZ COSTAL

-  alessandrolc8003@gmail.com  5511514223  alessandrolopez.net
-  AlessandroJuleo  Alessandro López Costal

## PROFESSIONAL PROFILE

---

Full Stack Developer specialized in frontend and backend development, with experience building scalable, high-performance web applications. Currently pursuing a Bachelor's degree in Data Science Engineering at Universidad del Valle de México, complementing my technical focus with strong analytical skills. I'm passionate about clean code, solving problems through optimized solutions (both technical and human), and fast learning to adapt to new challenges. I have led web optimization projects, e-commerce platforms, and API-based automation, achieving significant improvements in loading speed, organic traffic, and user engagement. I seek to contribute my experience to innovative companies that value code quality, scalability, and continuous improvement.

## PROFESSIONAL EXPERIENCE

---

### Freelance

11/2023 – Present

#### Web Developer

Throughout my training, I've worked on over 8 web projects, primarily as a freelancer specializing in e-commerce, collaborating with businesses across various industries to build functional, attractive, and optimized websites.

- Designed and implemented online stores with multiple catalogs and categories
- Integrated payment methods (Stripe, PayPal, etc.) and external APIs for automation
- Applied technical and content-based SEO strategies to increase organic traffic
- Optimized performance, load times, and mobile user experience

## ACHIEVEMENTS

---

### Performance Optimization

- **Reduced website load times by up to 40%**, improving user engagement and satisfaction.

### SEO and Traffic Growth

- **Increased organic traffic by 50%** through comprehensive SEO strategies.

### E-commerce Platform Development

- Developed scalable **platforms that processed over 150 transactions** in their first months, enhancing user experience and satisfaction.

### Workflow Automation

- Optimized development workflows through API automation, **reducing deployment time and costs by 30%**.

## PROJECTS

---

### Professional README Generator

- Node.js command-line application to generate professional-quality README files.

### Vehicle Builder

- Vehicle configuration app developed with TypeScript.

### Weather Dashboard

- Interactive weather panel using the OpenWeather API and responsive UI.

### Sherlock Numerical

- Math logic game built with CSS and JavaScript.

## EDUCATION

---

### High School

2014 – 2017

*Instituto Politécnico Nacional*

- Automotive Technician

### Full Stack Developer Bootcamp

2023 – 2024

*Tecnológico de Monterrey*

- Technologies studied: **Laravel, React, MySQL, Git, RESTful APIs, JavaScript, Java, Python, TypeScript**

### Bachelor's in Data Science Engineering (In progress)

2025 – Present

*Universidad del Valle de México*

Estimated graduation: 2028

### Excel Skills for Business: Intermediate II

*Coursera – Macquarie University* [↗](#)

### Business Analytics

*Coursera – Campus BBVA* [↗](#)

## SKILLS

---

### Programming Languages

SQL, JavaScript (ES6+), C#, TypeScript, Python, Java

### Frontend

React.js, HTML5, CSS (SASS/Tailwind), UX/UI Design, Responsive Web Design

### Backend

Node.js, Express.js, Laravel, RESTful APIs

### Databases

MySQL, PostgreSQL

### DevOps & Tools

Git/GitHub, Docker, CI/CD, AWS básico, Postman

### Methodologies

Scrum, Agile, Clean Code, SOLID

## LANGUAGES

---

**Spanish**

Native



**English**

Intermediate (B2)

