

ANGEL CRISTIAN BERNAL VARGAS

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PROFESSIONAL PROFILE

I am a student of Software and Networks Engineering with a focus on web development, with particular attention to efficient controller implementation and effective error handling, aiming for agile problem solving and continuously seeking to improve the efficiency and robustness of the systems I develop.

EDUCATION

- Software and Networks Engineering - Technological University of Mexico
January 2020 - December 2024
- Diploma in Computational Technology - Technological University of Mexico
Duration: 84 hours
- Diploma in Software Development - Technological University of Mexico
Duration: 84 hours

APTITUDES

-Problem Solving -Communication skills -Continuous Learning -Teamwork

- **TECHNICAL SKILLS** TypeScript, JavaScript, Node.js, Express, HTML, CSS, React, Next.js, MongoDB, Clerk, Tailwind CSS

FEATURED PROJECTS

- [Cosmic Blog App](#) (Full Stack) - [source code](#)
Implementation of Clerk for user authentication and creation, use of middleware to secure routes and prevent potential security threats.
Development of content management actions, related posts.

Functionality for logged-in users to create and edit their own posts.

Capability to filter posts by title and category.

- [To Do App](#) (Full Stack)

Development of a task list application with controller implementation for a modular architecture.

Effective error handling to improve stability and user experience.

Protection of sensitive routes through middleware to ensure security.

- API for E-Commerce (Backend)

Development of a robust API for an e-commerce platform using controllers.

Implementation of middleware to protect critical routes and prevent unauthorized access.

Application of best practices to ensure code maintainability and quality.

SKILLS

Problem Solving

- Code troubleshooting
- Error Interpretation
- Critical and Analytical Thinking

Organizational and Time Management

- Project Management
- Task Prioritization

Languages

- Spanish: Native
- English: Intermediate-Advanced