

# Paulo Mantilla Hernandez

## Software Engineering Student

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### Education

#### Universidad Autónoma del Estado de Hidalgo (UAEH)

Hidalgo, Mexico

Bachelor's Degree in Software Engineering | GPA: 9.39 out of 10.00

Graduating December 2026

**Relevant Coursework:** Programming Fundamentals, Object Oriented Programming, Data Structures, Software Engineering, Database Administration, Information Technology Project Management, Operating Systems, Automata and Compilers, Distributed Database Systems, Computer Networks.

### Professional Experience

#### ByDevs

##### Full Stack Developer

November 2024 - May 2025

- Architected and built a responsive, community-driven platform using React, Tailwind CSS, and a Spring Boot microservices back-end to serve as a resource hub and portfolio showcase for developers.
- Expanded the platform's reach to a global audience by implementing i18n for full multilingual support, making technical content accessible to a diverse user base.
- Enhanced platform security and user engagement by engineering a JWT-based authentication system and integrating an automated email notification service using Resend within a scalable Spring Framework microservices architecture.
- **Technologies used:** React, Typescript, NodeJS, Spring Boot, PostgreSQL, Tailwind CSS, Git.

#### Grupo Automotriz "Don Fer"

##### Front End Developer

August 2024 - October 2024

- Played a key role in modernizing the company's digital services by developing the complete front-end for a new customer portal and administrative dashboard.
- Enhanced the customer experience by creating an intuitive, responsive interface that allows users to self-manage appointments and view service history online.
- Streamlined internal operations by constructing a comprehensive admin dashboard with components for managing schedules and viewing client data, leading to improved staff efficiency.
- Implemented a clean, scalable, and maintainable codebase, ensuring the application's long-term success and ease of future updates.
- **Technologies used:** React, Typescript, Tailwind CSS, Git.

### Projects

#### Lovely

##### Full Stack Developer

November 2025 - February 2026

- Development of a responsive dating web application using Next.js, TypeScript, and Tailwind.
- Implementation of secure authentication with OTP verification and cloud file management through Supabase.
- Building an interactive interface, gesture animations, and real-time matching logic.
- **Technologies used:** Next.js, TypeScript, Supabase, Tailwind CSS, Framer Motion, Git.

### Skills

**Languages:** Java, TypeScript, Python, Javascript, PHP

**Frameworks:** React, Next.js, Node.js, Express, Spring Boot, Laravel

**Databases:** PostgreSQL, Azure SQL, DynamoDB

**Cloud:** AWS (EC2, S3, Amplify, RDS), Azure (Storage, SQL, Cosmos DB)

**Other:** Spanish (fluent), English (advanced)