

Emerson Hidalgo

SOFTWARE ENGINEER | FULL-STACK DEVELOPER

Full-stack software engineer with experience building scalable web applications using Java, Spring Boot, Angular, Node.js, React, and modern cloud tooling. Passionate about clean architecture, problem-solving, teamwork, and delivering high-quality solutions.

EXPERIENCE

Autocut — CENFOTEC

Sep 2025 – Present

- Contributed to the development of a full-stack content platform, integrating Spring Boot, Python, Angular, and MariaDB for scalable end-to-end functionality.
- Developed AI-powered vehicle recognition modules using multimodal models.
- Built cloud upload functionality for images and videos.
- Implemented real-time notifications across the platform.

Messenger Brain

Software Engineering Intern

Oct 2025 – Present

- Implemented WhatsApp contact retrieval using Puppeteer with Bull queue background jobs.
- Built the endpoint to update WhatsApp group information via Puppeteer, handling asynchronous browser interactions with reliability and consistency.
- Developed a webhook-based Session Status module with scheduled queue checks to track connected, disconnected, and reconnecting states.

SMT — CENFOTEC

Traffic Fine Management System

Sep 2024 – Dec 2024

- Contributed to backend and frontend development using ASP.NET Core and React.
- Implemented dispute registration and management features.
- Developed real-time email notifications for dispute status updates to citizens and officials.
- Built role and permission management to support secure access control across the system.

CONTACT



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SKILLS

Technical Skills:

- Languages:** Java, TypeScript, JavaScript, C#
- Frameworks:** Spring Boot, Angular, React.js, Node.js, ASP.NET Core, FastAPI
- Databases:** MariaDB, SQL Server, MongoDB

Soft Skills:

- Leadership
- Teamwork
- Adaptability
- Proactivity

EDUCATION

- Bachelor's Degree in Software Engineering**

CENFOTEC

2024 – Present

- Conversational English**

UTN

2021 – 2023

LANGUAGES

- Spanish: Native
- English: B2+