

ERICK DANIEL ESCOTO PÉREZ

Full-Stack Software Developer | .NET · React · Java

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SUMMARY

Full-stack software developer with end-to-end experience in enterprise systems: web and mobile applications, back-end services, databases, integrations and data processing. I adapt quickly to new technologies and choose the right tools for each project. My background in automation and QA in the banking sector gave me a strong focus on best practices and maintainable, testable code. I am also a tech mentor and volunteer in STEM education programs for children and young people.

EXPERIENCE

Junior Software Developer

UTCD

September 2025 – Present Tegucigalpa

- Develop and maintain enterprise web and mobile systems for operations, billing, collections and customer service, using C#/.NET 8, .NET Framework, Java and SQL Server.
- Contributed 400+ commits across 27 production repositories, including a core operations management system, a corporate-client billing portal, an institutional invoicing system and a WhatsApp customer-service chatbot.
- Develop ETL pipelines with Apache Airflow (Python) and PostgreSQL to load and reconcile billing data.
- Implement database-level business logic and system integrations, ensuring data consistency across applications.
- Gather requirements with technical teams and department leads, and validate new features before release.

QA Automation Analyst

Ficohsa

May 2025 – August 2025 Tegucigalpa

- Automated end-to-end test suites for multiple banking applications using Serenity BDD, Selenium and Java.
- Designed, developed and executed automated tests to verify functionality, stability and performance.
- Integrated automated test suites into CI/CD pipelines with Jenkins, enabling continuous test execution and faster feedback on each build.
- Worked with development and business teams to define acceptance criteria and improve validation processes.

EDUCATION

B.S. in Systems Engineering

UNAH

May 2021 – September 2026

B.S. in Mathematics (in progress)

UNAH

May 2024 – Present

High School Diploma in Accounting and Finance

INTAE

2018 – 2020

SKILLS

Languages

C# Java TypeScript JavaScript
Python SQL

Frameworks & Libraries

.NET Spring Boot Node.js
Express React Next.js
React Native Flutter Tailwind CSS

Data, Testing & DevOps

SQL Server PostgreSQL Oracle
MongoDB Apache Airflow
Serenity BDD Selenium Docker
Git & GitHub Terraform

Professional

Scrum Teamwork Communication
Adaptability Time Management

PROJECTS

UNAH Innovation Congress 2025 – Management Platform

- Full-stack developer of the congress management system; built modules for forum user administration and panelist presentations with Next.js, TypeScript, Tailwind CSS, Node.js and PostgreSQL.

Omta Tennis – Tournament Management Web App

- Built a web app to manage tennis tournaments and display live match scores, using Next.js, TypeScript, Node.js and PostgreSQL.

VOLUNTEERING & MENTORSHIP

Mentor

Technovation Girls

- Mentor teams of girls as they identify problems in their communities and build technology solutions, guiding them through the full product cycle from idea to working prototype.

STEM Education Volunteer

Glasswing International

- Teach in STEM education programs that introduce children to science, technology, engineering and math through hands-on activities.

LANGUAGES

Spanish

Native

English – B2 (Upper-Intermediate)

U.S. Embassy English Access Program (IHCI)

COURSES

Java Fundamentals

CEETI UNAH

📅 2023

Python Essentials

Cisco Networking Academy

📅 2024