

ANDERSON FRIAS

Software Engineer — Backend, SaaS & AI Systems

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PROFESSIONAL SUMMARY

Software Engineer specializing in **SaaS, REST APIs, and AI-integrated systems**. Proven track record of shipping profitable products like **Elipson** and **SalesMinimal**, both generating consistent passive income. Experienced in building high-impact AI tools, including **Bugboard** (FastAPI + LLM) and an **AI-powered student prediction system**. Proficient in **.NET, Python/FastAPI**, and real-world system design, with a strong professional presence as a software architecture content creator for **5.4K followers on YouTube**.

EXPERIENCE

Full-Stack Software Engineer — Meattown / Mgilsoft (Remote, US) | May 2025 – Present

- Modernized legacy **Visual Basic** system into a cloud platform (**.NET, Angular, Azure, MySQL**), achieving +80% operational efficiency by automating manual workflows.
- Developed an **IoT-based** truck tracking prototype using **ESP32** and **GPS** modules, integrated with Google Maps for real-time logistics and routing.
- Managed **Linux** production infrastructure to streamline deployment and scalability.

Independent Software Engineer / Consultant | Dec 2022 – Present

- Built and sold Elipson (**vehicle rental**) - sold to a rental company.
- SalesMinimal (**accounting software**, ongoing passive income).
- Built PicFlow (photography studio **CRM + cloud storage**).
- DentalClinic automated patient management, billing, and appointments, **cutting administrative workload by 40%**.

Software Developer Intern — GensoftCorp | Feb 2022 – Jun 2022

- Contributed to e-commerce platform (**.NET, Angular, SQL Server**) across full SDLC

NOTABLE PROJECTS

Bugboard — AI bug classification. Real-time analysis (local **LLM** via **Ollama**), automatic duplicate detection, severity scoring, module classification. **FastAPI** backend, **PostgreSQL, Angular** dashboard. Open for collaboration.

Student Prediction System — **ML + NLP** capstone (Samsung Innovation Campus). Predicts student desertion risk, recommends academic areas using **RandomForest/SVM/TF-IDF**. **NLTK** for teacher observation analysis. Streamlit dashboard with skill radar and **KPIs**. Team: 4 engineers.

PicFlow — Self-hosted file system with authentication and role-based **access control**.

TECHNICAL SKILLS

Backend: C#, .NET, ASP.NET Core, FastAPI, REST APIs, Node.js

Frontend: Angular, TypeScript, JavaScript, HTML5, CSS, Tailwind

Data & Cloud: SQL Server, MySQL, PostgreSQL, MongoDB, Azure, Docker, Linux

AI / ML: Python, scikit-learn (RandomForest, SVM), NLP (TF-IDF, NLTK), Pandas, NumPy, Ollama/LLM integration, Streamlit

EDUCATION & CERTIFICATIONS

B.S. Computer Science (Cum Laude) — Universidad Autónoma de Santo Domingo, Santiago, DR (Expected 2026)

Samsung Innovation Campus — Python & Artificial Intelligence Program (200 hours, Aug–Dec 2025)

LANGUAGES

Spanish (Native) | English (B2 – Professional Working Proficiency)