



# RAFAEL ELMER HUAYNATE TRINIDAD

- AI SOFTWARE ENGINEER
  - FULL STACK & AUTOMATION DEVELOPER
  - GAMING ECOSYSTEMS

## **PROFESSIONAL SUMMARY**

A disruptive Software Engineer and AI Automation Developer redefining traditional development paradigms. I specialize in AI-Driven Development (AI-ADD), leveraging advanced LLMs (Gemini, Claude API) to build industrial-grade software in record time without compromising "handcrafted" code quality.

I reject conventional design bloat, replacing heavy software like Photoshop with optimized Canvas rendering to deliver premium, ultra-lightweight, high-performance interfaces. From academic excellence at SENATI to architecting network infrastructure and automation tools for elite content creators, my career is fueled by relentless self-taught learning and technical agility.

- A grid of 20 icons representing different skills and technologies. The icons include: a person icon, a phone number '+51 961 349 020', an '@' symbol followed by an email address 'elmeroff.dc@gmail.com', a location pin icon followed by 'Ate, Lima, Perú', a globe icon followed by a URL 'https://portafolioweb-production-1fd2.up.railway.app/', a calendar icon followed by the date '28/10/2006', a yellow JS logo, a blue PHP logo, a yellow Python logo, a purple C# logo, a blue C++ logo, a blue SQLite logo, an orange HTML5 logo, a blue MySQL logo, a white 3D cube icon, a blue Canva logo, a green Node.js logo, a blue React logo, a white lightning bolt icon, a red flame icon, a white Firebase logo, a yellow banana icon, a white diamond icon, a blue starburst icon, a blue arrow icon, a blue multi-pointed star icon, a blue lightning bolt icon with a brain, and a blue React Native logo.

## TECHNICAL STACK & CORE COMPETENCIES

- AI & Automation: Advanced Prompt Engineering, AI Agents, Workflow Automation, AI Voice Training (RVC), LLM Model Integration.
  - Web Development: Laravel (PHP), React (V18), Vite, JavaScript/Node.js.
  - Desktop Applications: Electron.js (V40.0.0), ASAR optimization, Auto-update implementation.
  - Networking & Data: Socket.io (P2P Transfer), Firebase (Auth & Realtime DB), SQLite, MySQL.
  - Digital Design: Premium UI/Asset creation via Canvas (high-efficiency resource management without Adobe dependency).
  - Game Development: Unreal Engine (C++), Game Logic (Python/C#).

# LANGUAGES

- Spanish: Native (Professional & Technical Communication).
  - English: (A2/B1 - Intermediate): Proficient in reading technical documentation, conducting international forum research, and programming command syntax.

## RELEVANT EXPERIENCE & PROJECTS

Independent Developer | AI & Infrastructure Solutions

- Industrial Monitoring (Laive): Developed a real-time web-based production monitoring system to track phase timing and industrial efficiency on factory-floor displays.
- Workflow Optimization (----): Engineered a local network infrastructure for a design/manufacturing firm, facilitating P2P file transfers and real-time job status updates.
- Streamer Automation (Fluxy): Built a desktop ecosystem for content creators using Electron.js, integrating real-time chat commands with YouTube Music and AI-voiced chatbots.
- Game Development: Designed and deployed web-based and PC game prototypes in Unreal Engine, focusing on optimized performance and complex logic.

## EDUCATION & CERTIFICATIONS

- SENATI: Degree in Game Development & Augmented Reality (In progress - 4th Semester).
- Self-Taught Mastery: Advanced certification and deep-dive research into AI-Assisted coding and LLM implementation.

## PORTFOLIO AND CONTACT

Explore my projects and live demos here: <https://portafolioweb-production-1fd2.up.railway.app/>

