Oscar Isaac Tinajero Maldonado

Computer Systems Engineer | Software Developer

linkedin.com/in/oscartinajero117 | https://tinajerotech.com | https://github.com/OscarTinajero117
Ciudad Valles, SLP, México
oscar@tinajerotech.com
+ 52 481 360 1409

PROFESSIONAL PROFILE

Computer Systems Engineer with over 4 years of experience specializing in the full software development lifecycle of scalable applications. Expert in building robust backend architectures with **Elixir** and **Phoenix Framework**, alongside high-performance mobile solutions using **Flutter**. Currently pursuing a Master's in Education and completing specialized coursework in **AI Agents** and **n8n workflow automation** for business process optimization.

SKILLS

- **Languages:** Elixir, Dart, PHP, JavaScript, SQL, Java, C/C++, Python, TypeScript.
- **Frameworks:** Phoenix (LiveView, PubSub, GenServers, Presence, Ecto), Flutter (GetX, Dio, SQfLite), Bootstrap, Tailwind, VueJS.
- **AI & Automation:** n8n, Gemini API, Evolution API, Llama Ecosystem, WhatsApp Cloud API.
- **Infrastructure & Tools:** Docker, VPS Management (NGINX & Cloudflare Tunnels), Git/GitHub, PostgreSQL, MySQL, MS-SQL Server, GNU/Linux, Windows Server.
- **Technical Support & Systems Administration:** Diagnostics, preventive and corrective maintenance for servers and PCs; installation and optimization of OS, networks, and software to ensure security and uptime.
- **Productivity & Communication:** Task planning via Google Calendar and automation ; skilled in public speaking and adapting technical messages for diverse audiences.

EXPERIENCE

Soluciones Nerus | Software Engineer - *Hybrid*

JUNE 2022 - PRESENT

- **Technical Lead** for an ERP system focused on digital tax invoicing (CFDI) in Mexico.
- Developed **"Galatea"**, a communication platform integrating WhatsApp Business API, Waha, and Evolution API.
- Architected multiple **n8n workflows** for asynchronous customer service automation.
- Developed and maintained a **Flutter mobile portfolio** for water utility companies, optimizing meter reading and payment processing.
- Implemented **"Glauqus"**, a support ticketing system for corporate services.
- Deployed **"Posteidon"**, a centralized license and feature management system for company products.

Instituto Universitario del Centro de México (EDUCEM) | Professor for IT

FEBRUARY 2023 - JUNE 2026

- Professor for IT, Programming, Statistics, and Advanced Office Automation courses.
- Designed educational materials and managed E-Learning platforms (Google Classroom, Meet, Zoom, Moodle).

Dirección de Agua Potable (DAPAS) | PHP Developer - *Intern / Resident*

OCTOBER 2021 - JANUARY 2022

- Digitized internal processes by developing a PHP (MVC) web app, significantly reducing document retrieval times.

EDUCATION

M.A. in Education | EDUCEM - *Remote*

JANUARY 2026 - PRESENT

B.S. in Computer Systems Engineering | TecNM Campus Ciudad Valles

AUGUST 2017 - JANUARY 2022

- Graduated with Academic Excellence (GPA: 9.4/10) – Ranked 1st in Class.

CERTIFICATIONS

Llama Ecosystem & n8n Bootcamp - *INFOTEC / CENTRO.*