



B. ENG. FELIPE DE JESÚS MIRAMONTES ROMERO

13+ years in IT, cybersecurity, AI workflows and delivery leadership

★ Chief Operations Officer

🏢 AI Systems Architect

👤 Senior Delivery Manager

🔗 Senior Fullstack Drupal Developer

CONTACT

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TECHNICAL SKILLS

- Backend:**
TypeScript, Node.js, Fastify, PHP, MySQL, REST, JSON, YAML, Composer, rsync
- Frontend:**
JavaScript, HTML, CSS, SASS, Tailwind CSS, Chart.js
- Testing & QC:**
Vitest, Playwright, ESLint, SonarJS, TruffleHog, Rollup Visualizer
- Platforms & Env:**
Linux, Git, Drupal, Odoo, Moodle, Monorepos, Bun, Husky
- AI:**
Multi-Agent Orchestration, Claude Code, Antigravity, Grok Build

EDUCATION

- MIS: Master Studies**
Software Engineering
CIMAT | 8/14 – 8/16
- ITIC: Engineering**
ICT | ITESM | 8/05 – 6/11
- Technical Degree**
Computing | COBAEZ | 8/02 – 6/05

CORE COMPETENCIES

- AI Agentic Orchestration & Systems Architecture
- Delivery Leadership & Execution
- Regulatory Compliance (SASISOPA, ISO, Public Sector)
- Technical Architecture & Systems Integration
- Compliance, Transparency, and Data Protection
- Cybersecurity & Digital Risk Management
- ERP & Odoo Implementations
- Agile / SCRUM Hybrid Methodologies
- Executive Reporting & Stakeholder Management

SELECTED PROJECTS & LEADERSHIP

ARCHON ERP - Mining Fleet Maintenance System

Independent AI Agentic Orchestration & Systems Architecture & Cybersecurity Consultant

Zac., Mex. | January 2026 – Actual

- Designed a secure Fastify, React 18, and MySQL ERP fleet monorepository powered by Bun.
- Deployed Application-Level Encryption (ALE) with Blind Indexing, passing OWASP Top 10 audits (A01, A02, A03, A04, A05, A06, A07, A08, A09, A10).
- Achieved 100% test pass rate with 2,940 total tests (1,916 Backend, 1,024 Frontend) with 99.83% coverage validated via Vitest and Playwright.
- Enforced integrity pipelines with Husky pre-commit hooks, TruffleHog secrets scan, SonarJS, and secure rsync deployments.
- Spearheaded a triple-agent autonomous AI development pipeline (Claude Code + Antigravity + Grok Build) governed by strict Feature Contracts.

Cybersecurity & Digital Risk Consulting Practice

Independent Cybersecurity Consultant

Zac., Mex. | 7/25 – Actual

- Delivered premium risk mapping and incident analysis reports.
- Executed digital forensics and post-incident advisory protocols.
- Designed and deployed a specialized Cybersecurity Training Program.
- Implemented AI-assisted workflows for executive decision-making support.

SASISOPA - Odoo Implementation

Chief Operations Officer (COO)

OSEZAC | Zac., Mex. | 7/24 – 7/25

- Embed the hybrid SASISOPA methodology into Odoo.
- Customize Odoo modules to align with real-time SCRUM-driven updates.
- Achieved full digital traceability of processes, cutting audit preparation time from 6 months to 1 month.
- Executive ERP Training Program Lead.
- Report directly to the CEO.

SASISOPA – SCRUM Adaptation

Chief Operations Officer (COO)

OSEZAC | Zac., Mex. | 7/23 – 7/24

- Design a hybrid SASISOPA methodology combining regulatory frameworks with Agile SCRUM.
- Led cross-functional teams (19 employees).
- Pioneer agile documentation and training workflows.
- Executive Hybrid Methodology Training Program Lead.
- Report directly to the CEO.

Public Information MS Deployment

Implementation and Deployment Manager

Santa María de la Paz, Zac. 3/22 – 9/22

- Environment Setup and Infrastructure Deployment.
- Data Migration and System Integration.
- User Training and Change Management.
- Testing, Go-Live, and Post-Launch Support.
- Led cross-functional teams (23 employees).
- Report directly to the Municipality President.

Public Information MS Development

Senior Drupal Software Developer

Santa María de la Paz, Zac. 9/21 – 3/22

- System Architecture and Design
- Custom Module and Theme Development
- Security Implementation and Regulatory Compliance.
- Multi-user Content Management and Workflows
- Performance Optimization and Accessibility
- Led cross-functional teams (3 employees).

CERTIFICATIONS

Digital Forensics Examiner
ID: 26318-171-018-6231
5/15 | Zac., Mex.

Professional Ethical Hacker
ID: 26318-171-018-6238
12/14 | Zac., Mex.

LANGUAGES

English: Upper-Intermediate (B2)

Spanish: Native Speaker

Drupal Module and Theming
Freelancer

Zac., Mex. | 9/15 – 9/21

- **Module:** Charts, to allow users to add various charts with responsive design.
- **Module:** Up Counts: enable users to publish any kind of Count Up content.
- **Module:** Vehicle Fleet, allows users to manage their own fleet of vehicles.
- **Themes:** Several developed themes available on GitHub.

Cybersecurity
Research Intern

U. Carlos III, Madrid, Spain. 3/15 - 7/15

- Secure Software Development Methodologies Researcher.
- Software Developer; Python, Drupal, JavaScript, SASS, HTML.

WORK EXPERIENCE

Independent / Private Practice | ARCHON ERP

January 2026 – Actual

- Architected mission-critical fleet tracking infrastructure with strict zero-trust parameters.
- Directed triple-agent AI developer pipelines ensuring 99.83% test coverage and OWASP Top 10 security compliance.
- Enforced world-class quality gates: SonarJS (Cognitive Complexity < 20) and Git pre-commit hooks (Husky).

Independent / Private Practice | Cybersecurity

July 2025 – January 2026

- Provided digital risk and forensic advisory services for corporate clients.
- Designed comprehensive digital safety protocols for high-risk profiles.
- Conducted vulnerability assessments and incident response planning.

OSEZAC | Chief Operations Officer (COO)

7/23 - 7/25

- SASISOPA Odoo Implementation.
- SASISOPA - SCRUM Adaptation.

Santa María de la Paz | Public Servant

9/21 - 11/22

- Director of Public Works and Services.
- Software Development Leader: Drupal, JavaScript, SCSS, HTML, Trello.

Freelancer | Zac., Mex.

9/15 - 9/21

- Software Developer: Drupal, JavaScript, SCSS, HTML, Trello.

U. Carlos III, Madrid, Spain | Research Intern

3/15 - 7/15

- Secure Software Development Methodologies Researcher.
- Software Developer: Python, Drupal, JavaScript, SCSS, HTML.

Guanajuato Social Security Institute | Social Service

9/14 - 3/15

- Software Tester. Coverity, C#.

Freelancer | Zac., Mex.

6/12 - 6/14

- Software Developer: Drupal, JavaScript, SCSS, HTML.

Luna Stucco LLC, Atlanta, GA | Software Developer

1/12 - 6/12

- Software Developer: Drupal, JavaScript, SCSS, HTML.

AWARDS & RECOGNITIONS

IZAI Recognition

Best proactive transparency practices via PIMS (Drupal, Trello, ISO 9001/2015).

Post Video

Startup Weekend Champion

Best Entrepreneur and Innovator Award: Super Fan (Drupal, JS, SCSS, PHP, Linux, Apache, MySQL).

Coverage

PNPC-CONACyT Scholar

Master of Software Engineering (MIS), CIMAT.

Outstanding CENEVAL Testimony

Engineering in Information and Communication Technologies (ITIC), ITESM.