

# Felipe Nevarez

**Engineering Manager | Technical Lead | Software Architect**

**Email:** [felipe.nevper@gmail.com](mailto:felipe.nevper@gmail.com)

**Phone:** (+52) 662 2767054

**LinkedIn**

[fnevarez.com](http://fnevarez.com)

## PROFILE

Senior Software Engineer, Technical Lead, and Engineering Manager with 13+ years of experience building and scaling SaaS products, leading distributed engineering teams, and designing cloud-native architectures. Proven track record of driving technical strategy, mentoring engineers, establishing engineering best practices, and delivering high-impact solutions using JavaScript, TypeScript, Python, AWS, and AI/LLM technologies. Experienced in taking products from discovery and architecture through implementation, deployment, and long-term scalability

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python

**Frontend:** React, Next.js, React Native, TypeScript

**Backend:** Node.js, FastAPI, Express, Hapi.js, GraphQL, Knex.js

**Databases:** PostgreSQL, MySQL, MS SQL Server, MongoDB, Redis, ActiveMQ

**Cloud & DevOps:** AWS (ECS, ECR, EC2, CloudWatch, SQS, CloudFront, ALB), Docker, Terraform, Terragrunt, CI/CD, Supabase

**Software Engineering Practices:** Agile Development, Scrum, Kanban, TDD (Test-Driven Development), BDD (Behavior-Driven Development), SDD (Spec-Driven Development)

**AI & LLMs:** OpenAI, Anthropic Claude, LangChain, Prompt Engineering, LLM Integration, AI Product Development, AI-Assisted Engineering

## EDUCATION

**Bachelor in Systems Engineering (2008 - 2012)**

*Instituto Tecnológico de Hermosillo (ITH - TechNM)*

**M.S. In Artificial Intelligence (Expected Graduation: 2026)**

*Universidad Davinci*

## LANGUAGES

**English** Full professional proficiency

**Spanish** Native

## EXPERIENCE

**Tango - Jan 2021 - Jun 2026**

**Technical Lead | Software Architect | Engineering Manager**

Leading engineering teams, architecture initiatives, and AI-driven product development across multiple client engagements, focusing on scalable SaaS platforms, cloud-native architectures, software delivery excellence, and team growth.

### **DealPrint (AI-Native Due Diligence Platform)**

- Led the development of an AI-powered due diligence platform for M&A transactions, including virtual data rooms, document intelligence, stakeholder management, authentication, and billing systems.
- Designed AI-driven workflows for document analysis, action item generation, risk identification, and due diligence automation.
- Drove architecture, technical strategy, and product delivery leveraging modern LLM technologies including OpenAI and Anthropic Claude.

### **Xilos AI**

- Led product development and architecture design for a security-focused AI platform aimed at preventing the misuse of LLM technologies.
- Built and structured the engineering team, defining roles, hiring processes, and technical standards.
- Developed React and FastAPI applications integrating multiple LLM providers and AI-driven workflows for enterprise clients.

### **Orbridge / GVNG**

- Introduced Scrum practices, engineering standards, and software development best practices across multiple teams.
- Partnered with stakeholders to define requirements, improve delivery processes, and align technical execution with business objectives.

### **Central Hub**

- Designed and implemented a microservices architecture supporting over 1M monthly transactions.
- Introduced code quality initiatives, achieving approximately 90% automated test coverage and improving maintainability across the platform.
- Provided technical leadership, architectural guidance, and delivery support for engineering teams.

### **RealKey**

- Led a team of 8 engineers responsible for a real estate lending platform.
- Reduced production incidents by approximately 40% through architectural improvements, engineering standards, and technical debt reduction initiatives.
- Defined technical requirements, architecture strategy, and software delivery processes in collaboration with product leadership.

### **MyFO**

- Developed and supported asynchronous microservice architectures using CQRS and event-driven patterns.

- Delivered backend services and platform enhancements using Node.js, Marble.js, React, PostgreSQL, and AWS.

**Technologies:** TypeScript, React, Next.js, Node.js, Express, NestJS, GraphQL, FastAPI, Python, LangChain, OpenAI, Claude, PostgreSQL, MySQL, MongoDB, Redis, AWS, GCP

## **Virgilio (Startup Venture) | Jan 2021 - Aug 2022**

**Co-founder, CTO**

- Co-founded and led the development of an Applicant Tracking System (ATS), defining product strategy, technical direction, and roadmap execution.
- Built and managed a team of 7 engineers, leading hiring, mentoring, delivery planning, and engineering operations.
- Designed and implemented the complete AWS-based architecture, including infrastructure, CI/CD pipelines, monitoring, security, and application services.
- Created a proprietary candidate-to-job matching engine that automated candidate ranking and opportunity recommendations years before the widespread adoption of AI-driven recruiting platforms.
- Mentored and trained 3 team members with no prior software engineering background, helping them transition into full-time developer roles and continue their engineering careers.

**Technologies:** Node.js, React, PostgreSQL, Hapi.js, Knex.js, AWS

## **Unosquare | Jun 2017 - Jan 2021**

**Technical Lead – Foundation Medicine**

**Unosquare | Jun 2018 – Jan 2021**

- Led a team of 6 engineers supporting Foundation Medicine's customer-facing and internal platforms in a HIPAA-compliant environment.
- Drove technical direction, architecture decisions, and engineering best practices, helping maintain approximately 80% automated test coverage across key applications.
- Led technical interviews, hiring, onboarding, and mentoring efforts, increasing team productivity by approximately 50%.
- Designed and deployed an internal Notification Service used across multiple business workflows.

**Senior Software Developer – Foundation Medicine**

**Unosquare | Jun 2017 – Jun 2018**

- Developed business-critical applications using React, Node.js, PostgreSQL, MongoDB, and AWS within a healthcare and genomics environment.
- Built and launched a React Native application used by approximately 2,000 users.
- Enhanced legacy systems and contributed to code quality, testing, and maintainability initiatives across multiple platforms.

**Technologies:** React, React Native, Node.js, Express, Hapi.js, Knex.js, PostgreSQL, MongoDB, Redis, ActiveMQ, AWS, HIPAA

## **ANINetworks NOS Communications | May 2014 - Jun 2017**

**Developer**

- Developed and maintained enterprise applications using C#, .NET (WebForms/WinForms), JavaScript, and Microsoft SQL Server.

- Designed complex SQL Server reports, queries, and database solutions supporting internal business operations and decision-making.
- Managed and optimized multiple internal databases while contributing to the successful delivery of several .NET-based internal systems.
- Transitioned from PHP to the Microsoft technology stack, becoming a key contributor across full-stack development and data-driven projects.

**Technologies:** C#, VB.NET, WinForms, WebForms, Microsoft SQL Server, JavaScript, AngularJS, jQuery, PHP, Python

## **UsVision INC QuickAPM | Jun 2013 - May 2014**

### ***Developer, Team Lead***

- Led the analysis, planning, and development of QuickAPM, contributing to the successful launch of the SaaS platform.
- Helped define the technical foundation and infrastructure strategy for multiple SaaS initiatives.
- Built and scaled a development team from 0 to 6 engineers, leading technical interviews, onboarding, mentoring, and project delivery.

**Technologies:** PHP, JavaScript, jQuery, MySQL, Zend Framework, Bootstrap

## **Rivka LetsPlay | Jan 2013 - Jun 2013**

### ***Developer***

- Developed a daycare management platform using PHP, Zend Framework, JavaScript (jQuery), and MySQL.
- Owned the development of internal and client-facing web projects, delivering features across the full application stack.
- Built e-commerce websites and landing pages for external clients in a fast-paced agency environment.

**Technologies:** PHP, JavaScript, jQuery, MySQL, Zend Framework, Bootstrap

## **Xinno Internal Projects | Apr 2012 - Dec 2012**

### ***Developer***

- Developed 5+ web applications, e-commerce platforms, and landing pages using PHP, JavaScript (jQuery), MySQL, CodeIgniter, and Zend Framework.
- Built a WordPress payment integration for an internal sales platform, enabling online payment processing through banking interfaces.
- Worked as a full-stack developer delivering internal agency projects from implementation to deployment.

**Technologies:** PHP, Java, JavaScript, jQuery, MySQL, CodeIgniter, Zend Framework, Bootstrap