Roberto Gayol de la Torre

Full Stack Engineer · Angular Architect · Java / API Integration · Tech Lead

Querétaro, Mexico · Remote · linkedin.com/in/gayolr · github.com/gayolr · robertogayol.com

PROFESSIONAL SUMMARY

Senior software engineer and technical lead with 8+ years of experience delivering enterprise and financial applications, with deep expertise in modern Angular, frontend architecture, API integration, application modernization, performance, and scalable engineering practices. Led frontend architecture from scratch for a financial CRM migration, defining modular structures, authentication flows, reusable patterns, and integration standards across backend and microservices teams. Experienced in banking and financial products, REST APIs, CI/CD, testing, legacy modernization, and cross-functional delivery, with practical exposure to Java / Spring Boot service integration.

CORE SKILLS

Frontend: Angular, TypeScript, JavaScript, RxJS, Signals, React, HTML/CSS, SCSS/Sass, BEM, Ionic
Backend & APIs: Java / Spring Boot integration, RESTful APIs, authentication flows, API contracts, microservices integration, Node.js exposure
Architecture: Frontend and application architecture, modular design, scalable systems, reusable components, design systems, design patterns
Data & Performance: SQL fundamentals, performance optimization, SSR / Angular Universal, SEO, Lighthouse, lazy loading
Quality & Delivery: Jest, Karma, Cypress, code reviews, CI/CD, GitHub, GitLab, Jenkins, Azure, AWS, Vercel, Jira
AI-assisted Engineering: ChatGPT, GitHub Copilot and AI-assisted development for debugging, documentation, implementation and problem solving
Leadership: Technical mentoring, architecture decisions, PR reviews, coding standards, release coordination, UX/product/backend collaboration

PROFESSIONAL EXPERIENCE

Capgemini · Senior Frontend Engineer / Tech Lead / Angular Architect · Jun 2022 – Present · Remote

Financial group, CRM modernization · Tech Lead / Angular Architect · Aug 2025 – Oct 2026

- Led the frontend architecture and implementation from scratch for a financial CRM modernization from SAP to Angular, defining scalable modular structures, reusable patterns, engineering standards, and release-ready foundations.
- Designed REST API communication patterns, authentication flows, integration criteria, and frontend contracts with backend and microservices teams.
- Acted as the main frontend technical reference for architecture decisions, development standards, implementation reviews, and cross-module alignment.

Major Mexican bank, mobile banking · Lead Frontend Engineer · Aug 2024 – Mar 2025

- Led delivery of critical mobile-banking functionality under strict release timelines, coordinating with Android, iOS, backend, client, and external teams.
- Worked across API-driven financial flows, resolving integration issues and aligning implementation with product, security, stability, and UX requirements.
- Collaborated with Kotlin and Swift teams using MVP and VIPER patterns, strengthening cross-platform architecture alignment.

Global industrial equipment manufacturer · Senior Frontend Engineer · Jun 2022 – Jun 2024

- Delivered enterprise Angular solutions and modernization work using Angular 17 and Signals, improving maintainability.
- Implemented performance-focused UI behavior with Intersection Observer, scalable CSS/BEM practices, and reusable components.
- Reviewed pull requests and enforced engineering best practices to improve code quality and release stability.

Powdevs · Senior Frontend Developer · Jan 2021 – Jun 2022 · Remote

- On-demand labor and staffing platform: modernized Angular applications from version 9 to 11 and 13, reducing legacy framework risk.
- Built API-driven booking, routing, worker-acquisition, and cost-estimation experiences, including Google Maps route optimization for up to 10 addresses.

- Implemented Angular Universal (SSR), SEO, structured metadata, routing optimization, and Lighthouse-driven performance improvements.

Globant · Web UI Developer · May 2020 – Jan 2021 · Remote
- Built enterprise UI features and reusable components for financial-services clients in API-driven environments.
- Contributed to Angular-to-React migration work, supporting legacy modernization of internal applications.

MTech Systems · Semi-Senior Frontend Developer · Aug 2018 – Feb 2020 · Querétaro
- Contributed to a private UI component library with 30+ reusable components across multiple enterprise applications and defined BEM/Sass standards.
- Created 100+ unit tests and supported the migration from Karma to Jest, improving test execution and developer productivity.

GL Ware Solutions · Software Developer Intern · Dec 2017 – Apr 2018 · Querétaro
- Led junior developers in internship projects and built survey applications for a state government.

INDEPENDENT WORK

- Founder of Código Nebula (codigonebula.com), a software studio building custom software and AI automation.
- Built independent web applications, MVPs, internal tools, and subscription products using Angular, TypeScript, REST APIs, Supabase, Vercel, and AWS.
- Current work includes modern Angular with Signals and standalone architecture, with AI-assisted development for implementation, testing, and documentation.

EDUCATION, CERTIFICATIONS & LANGUAGES

Universidad Autónoma de Querétaro · Bachelor's Degree in Software Engineering · 2014 – 2018
AWS Cloud Practitioner Essentials (2023) · Diploma in Cybersecurity and Ethical Hacking (2023) · HTML5.1x, W3C / edX
Spanish (native) · English (professional working proficiency)

Client and project names are withheld under confidentiality agreements. Details and references are available on request.