

FELIPE JACOB GALINDO SUAREZ

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 12+ years of experience designing and shipping production systems across the full stack — from distributed backend microservices to polished client UIs. Deeply comfortable in React, Angular, Vue.js, Next.js, and TypeScript on the frontend and Java Spring Boot on the backend, with hands-on delivery across web and cross-platform mobile (iOS/Android via Ionic + Capacitor). I have architected event-driven microservices using Kafka, integrated AI-assisted engineering tools, and consistently delivered maintainable, scalable solutions across public safety, fintech, and EdTech products.

TECHNICAL SKILLS

Backend: Java Spring Boot, .NET, Node.js, Python, PHP

Frontend: TypeScript, Angular 19, React 18, Ionic, Capacitor, HTML5, SASS, Vue.js, GraphQL, Figma

Cloud / DevOps: AWS (S3, EC2, Lambda), Azure DevOps, Docker, Kubernetes, CI/CD pipelines, GitHub Actions, Jenkins

Databases: PostgreSQL, MySQL, MongoDB, Firebase, MyBatis, DynamoDB

Blockchain: Solidity, Ethereum, Polygon, Web3.js, Ethers.js, OpenZeppelin, DID/W3C Verifiable Credentials, PolygonID

AI Tools: GitHub Copilot, Claude Code, Gemini, ChatGPT, LLM Evaluation, AI Governance, RLHF

Methodologies: Agile/Scrum, User-Centered Design, Microservices Architecture

PROFESSIONAL EXPERIENCE

Bessemen Venture PartnersDecember 2025 – May 2026

Java Digital Architect

Built a next-generation investment analytics platform integrating diverse financial data sources into a unified interface for venture capital decision-making.

- Architected and delivered a scalable, full-stack microservices platform using Java Spring Boot with layered architecture, dependency injection, and strong exception handling for financial data ingestion and aggregation.
- Designed event-driven architecture with Apache Kafka for asynchronous, high-throughput data processing; maintained Aurora PostgreSQL schemas supporting complex financial reporting.
- Built and deployed services via GitHub Actions and Azure DevOps CI/CD pipelines; implemented Spring Security for enterprise-grade authentication and authorization.
- Led Angular 21 frontend with modular, reusable component architecture delivering accessible, high-performance investment analytics UIs.
- Engineered Python FastAPI data science query services for advanced analytics and model-driven insights powered through a Databricks data layer.
- Collaborated cross-functionally with data scientists, product managers, and stakeholders to translate complex financial workflows into actionable, user-centric product features.

Texas-Academy.comJuly – December 2025

Fullstack Developer

Designed BACIP (Blockchain Academic Credential Interoperability Protocol), a multi-chain framework eliminating degree fraud and enabling instant, tamper-proof credential verification.

- Architected BACIP credential lifecycle on Polygon and Ethereum — managing wallet provisioning, multi-chain issuance, NFT-based certification indexing, and smart contract automation for credit transfers between institutions.
- Built a gamified EdTech platform with AI tutoring (FastAPI/Python inference), RxJS-driven Angular dashboards, and a crypto-token incentive model integrated with BACIP-based skill certification.
- Deployed microservices on AWS EC2 and Lambda with DynamoDB and S3; automated CI/CD via GitHub Actions; administered Linux server environments.

- Developed immersive 3D virtual classrooms with Three.js and a Roblox virtual campus in LUA covering frontend, backend, and communication curricula.
- Conducted structured LLM output evaluation using calibrated rubrics; translated behavioral science into RLHF signals to improve model accuracy and reduce hallucinations.
- Planned and delivered web development courses (HTML5, CSS3, Angular) for a diverse student body; mentored students in problem-solving and debugging skills through hands-on projects.

Texas Health and Human Services Commission August 2024 – June 2025

FullStack Developer

Architected and led development of a statewide web platform managing Psychiatric Bed Assignments across all mental health facilities in Texas — covering patient admission, care workflows, discharge enforcement, and provider reporting.

- Engineered Angular 18 micro-frontend monorepository with NgRx/Redux for predictable state transitions, lazy-loaded modules, and real-time .NET API synchronization across complex patient workflows.
- Integrated RESTful .NET microservices into reactive frontend; implemented Apache Kafka for asynchronous, high-throughput event processing across distributed services.
- Delivered fully WCAG-compliant, Material Design UI; led front-end team maintaining high test coverage with Jasmine and Karma.
- Oversaw Azure DevOps CI/CD pipelines, architectural governance, code reviews, and security standards across the full stack.
- Collaborated closely with .NET backend teams to align service interfaces with modular frontend architecture, ensuring consistent data flow and tight integration.

Capital One March 2024 – July 2024

Digital Architect

Developed a cross-platform Angular 17 monorepository using Ionic and Capacitor, shipping a single codebase to Web, iOS, and Android with native device feature access and enterprise-grade state management.

- Implemented Redux for centralized state management; designed scalable store structure with clean separation between UI components and business logic.
- Built Java Spring Boot RESTful APIs with MongoDB backend — designing compound-indexed schemas, aggregation pipelines, and reactive data streaming via Spring Data MongoDB.
- Engineered Capacitor native integrations (camera, geolocation, file storage) and advanced Ionic UI flows for consistent mobile and tablet UX; validated with Jest automated testing.
- Optimized API consumption and real-time data synchronization across web and mobile clients integrating multiple Capital One business units.

Texas State Guard Department April 2023 – February 2024

FullStack Developer

Enhanced an Angular 15 enterprise application for administrative and financial oversight — adding permissions, access control, ADA-compliant UI, and financial automation.

- Developed fine-grained permissions module with improved routing protection and NgRx state management; designed and maintained scalable .NET REST APIs for financial transactions, GL entries, and compliance tracking.
- Leveraged Azure Functions with .NET to automate critical financial workflows — ledger validations, transaction summaries, and compliance scheduling.
- Built complex reactive Angular forms with custom validations; championed ADA accessibility and responsive design for field and administrative users.
- Led testing strategy using Jest (frontend) and Chai (backend); integrated advanced monitoring for audit traceability and system compliance.

Capital One, Texas September 2022 – April 2023

Digital Architect

Led front-end and backend development of a Bulk Mail System handling high-volume transactional communications for Capital One.

- Built modular React / Next.js UI with server-side rendering, dynamic routing, and Connex UI / Empath design system integration; delivered accessible, mobile-first, pixel-perfect components.
- Designed and deployed Java Spring Boot microservices for business logic and email dispatch; implemented Apache Kafka event-driven architecture for high-throughput asynchronous processing.
- Built Jest automated testing infrastructure; collaborated closely with UX designers in Agile sprints, leading code reviews and front-end technical discussions.
- Managed Docker, Jenkins, and Git CI/CD pipelines, maintaining seamless integration across development, staging, and production environments.

The Janssen Pharmaceutical Companies, New JerseyDecember 2021 – September 2022

Digital Architect

Integrated AI-powered research workflows into a React-based genomics platform, enabling researchers to generate AI-assisted genetic data summaries, hypothesis recommendations, and contextual insights.

- Built ChatGPT API integrations into React frontend for real-time genetic data processing; engineered custom JS/CSS/React data visualizations presenting complex genomic datasets in intuitive formats.
- Designed MongoDB document store with compound and geospatial indexing, aggregation pipelines, and change streams for real-time sync; implemented versioned audit trail pattern for regulatory compliance.
- Developed Python backend microservices for data processing and analytics; containerized applications with Docker and managed CI/CD via Jenkins.
- Conducted user research with genetic researchers; created information architectures, Figma wireframes, and interactive prototypes; iterated on usability testing feedback.
- Participated in Agile sprint planning, technical design discussions, and code reviews; optimized both frontend and backend performance, scalability, and reliability.

Best Buy, Minneapolis & Capital One TX (via Wipro)March 2019 – November 2021

Digital Architect

- Defined Angular 12 front-end architecture for supply chain applications, ensuring clean integration with Spring Boot backend services.
- Guided development of an auto loans application — engineering authentication and statistical data modules in Angular.
- Managed end-to-end Docker, Jenkins, and GitHub CI/CD deployments; integrated backend API consumption requirements with microservices.
- Communicated design and UX strategies to development teams; solved complex usability challenges across supply chain and financial products.

CVS, Pittsburgh (via Infosys)December 2017 – June 2018

Full Stack Developer

Part of a 60-developer team building a critical medicine supply chain system across web and mobile using Angular 6, Ionic, and Java Spring Boot.

- Defined front-end architecture with Ionic components for mobile responsiveness; engineered reusable Angular/Ionic components and services ensuring smooth UX across devices.
- Implemented RESTful Java Spring Boot services; utilized MyBatis for optimized MySQL query management and oversaw microservice deployment quality.
- Facilitated Agile ceremonies (Sprint Planning, SCRUM); contributed full-stack delivery aligned with real-time inventory tracking requirements.

Live Oak Bank, North CarolinaFebruary 2016 – September 2017

FullStack Developer

Designed and developed Salesforce Deposit and Loan Management applications, achieving a 25% improvement in user experience and satisfaction metrics.

- Built responsive Angular UI components for customer and employee interactions; implemented MVC architecture for scalable, maintainable Salesforce applications.
- Integrated Salesforce with AWS web services and external APIs for real-time data synchronization and secure financial transaction processing.
- Developed Apex classes, triggers, asynchronous processes, Lightning components, and custom objects to implement complex business logic and automate workflows.

SAP, Montreal, CanadaSeptember 2015 – January 2016

SAPUI5 Front-End Developer

Contributed to an international locomotive maintenance platform, improving sector efficiency by 20%.

- Built MVC-pattern SAPUI5 application managing locomotive assignments, repair scheduling, and cost tracking, collaborating with teams across Canada, USA, Mexico, and India.
- Wrote well-documented, standards-compliant code; participated in all Agile ceremonies including Sprint Planning, SCRUM, and Retrospectives.

Technologies: SAPUI5, HTML5, JavaScript, Java, CSS3, Git, Web Services

IBM — Banorte, Mexico CityJanuary 2014 – December 2014

UX Front-End Developer

Developed two full online banking sites on an aggressive deadline using CSS precompilers and the Dojo framework, connected to Banorte's production environment.

- Designed a technical solution enabling deployment of two banking sites from a single codebase using CSS precompilers; guided onsite team in advanced Dojo framework and CSS configuration.
- Took requirements directly from business directors; coordinated onsite frontend team and kept offshore team aligned on progress.

Technologies: Rational Application Developer for WebSphere, HTML5, Dojo, CSS, .less, JavaScript

EDUCATION & ACHIEVEMENTS

UNAM Mexico CityBachelor of Economics | 2018

Hackathon – EarthX Mexico (Third Place): Built an Angular + Ethereum blockchain application for agricultural supply chain traceability in rural Mexico, integrating GIS mapping, Solidity smart contracts, and wallet custody for farmers and distributors.

AWARDS & SPEAKING

Education 2.0 Conference — Speaker | April 8, 2026

Spoke on "Defining Content Standards: Navigating Free Expression & Inclusive Education," examining the intersection of academic freedom and inclusive education. Session available at: youtube.com/live/f6eQ_ePgDXo?t=5160s

LICENSES & CERTIFICATIONS

- Real Estate License — Collin College, Plano, Texas
- Angular Certification — testDome Online
- PHP Programming Language — D.G.S.C.A. UNAM Mexico City
- Certified Professional Communication Coach — Ministry of Labor and Social Welfare, México

LANGUAGES

Spanish (native) · English (bilingual) · French (intermediate)

VOLUNTEER EXPERIENCE

Abracalibro — MentorJune 2017 – Present

Mentor for low-income students pursuing tech careers — providing guidance on web development, career strategy, and professional communication.