ESTEBAN MUÑOZ

Software Engineer | Enterprise Systems, Microservices & Live Operations

Mexico • Advanced English • Open to Remote (US / Canada / LATAM)

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PROFESSIONAL SUMMARY

Software Engineer with 4+ years of experience in large-scale financial enterprise environments and live production systems. Strong background in React and TypeScript, integrating distributed microservices and orchestrating complex multi-step application flows. Experienced in RESTful services, asynchronous API consumption, data normalization layers, feature flag strategies, API versioning, retry mechanisms, CI/CD pipelines, and automated testing. Operates effectively in regulated systems with strict DevOps governance and high reliability standards. Currently expanding backend expertise in Node.js and relational database design.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+)

Frontend: React, Component-based Architecture, State Management, Asynchronous Requests

Architecture: Microservices Architecture, RESTful Services, API Orchestration, Data Normalization Layer, Feature Flags

Backend: Node.js, Express Fundamentals, JWT Authentication Concepts, API Versioning

Databases: MongoDB Atlas, PostgreSQL/MySQL (Relational Modeling Basics)

Testing: Unit Testing, End-to-End Testing, API Mocking, Test Automation

DevOps & Tools: Jenkins (CI/CD), Git, Postman, Jira, Railway, Vercel

Practices: OOP, Modularization, Error Handling Strategies, Continuous Integration, Agile/Scrum

PROFESSIONAL EXPERIENCE

BBVA Mexico | *Software Solutions Development Associate II* 2020 – Present
- Integrated enterprise-grade microservices supporting high-volume financial operations in a large-scale banking ecosystem.
- Orchestrated complex multi-step user flows involving asynchronous API calls and distributed service dependencies.
- Designed intermediate data managers to transform and normalize service responses before presentation layer consumption.
- Implemented asynchronous error handling, retry strategies, and controlled fallback mechanisms to improve resilience.
- Managed feature flags enabling controlled rollouts across dev, staging, and production environments.
- Maintained API version compatibility across evolving backend services.
- Developed and maintained unit and end-to-end test suites with API mocking to ensure release stability.
- Contributed to CI/CD pipelines using Jenkins, enforcing automated test gates before deployment promotion.
- Collaborated using Git-based workflows with strict pull request reviews and DevOps validation processes.

Vibes GG | *Founder & Technical Lead* 2020 – Present
Esports Production & Systems Coordination
- Led live production systems for large-scale esports events with multi-platform broadcasting.
- Coordinated cross-functional technical teams (stream operators, production, technical staff) across distributed environments.
- Managed real-time troubleshooting during live events, ensuring broadcast continuity and system stability.

- Implemented structured communication and escalation processes under high-pressure operational scenarios.
- Delivered projects involving distributed international teams while maintaining high reliability standards.

EDUCATION

Full-Stack Web Development (MERN Stack) — Ironhack

Business Administration — Benemérita Universidad Autónoma de Puebla (BUAP)

CERTIFICATIONS

Secure Development — Net4Skills
Credential ID: D9FB2FA7A001

Scrum Developer — Scrum Study
Credential ID: 824881

CELLS Developer — BBVA — Enterprise JavaScript ES6 & OOP Framework