Jose Said Olano Garcia

Senior Engineering Manager & Java Architect

Digital Transformation | IT Consulting | Governance | Organizational Change

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EXECUTIVE PROFILE

Fintech & Banking Technology Architect with 20+ years designing and delivering enterprise-grade solutions in digital banking, payment systems, and real-time transaction processing. Specialized in Java-based microservices architecture, cloud infrastructure (AZURE, AWS/GCP/OCI), and LLM/RAG integration for AI-native financial platforms. Proven technology leader managing 14-24 engineer teams across Fortune 500 financial institutions (Bank of America, USAA, T-Mobile) and technology companies (Oracle, Google). Expert in establishing governance frameworks, optimizing delivery predictability, and driving measurable business outcomes through technical strategy and organizational excellence.

CORE COMPETENCES

Languages & Platforms: Java (8, 11, 17, 21) | Python | C# | C++ | Pascal | Python
Backend & Frameworks: Spring Boot | Spring Cloud | Spring Batch | Spring Security | Micronaut | Kafka | REST APIs | SOAP | OAuth2 | SAML | Keycloak
Cloud & Infrastructure: AWS (EC2, EKS, Lambda, RDS, Aurora, DynamoDB) | GCP (Big Query, Bigtable, Dataflow) | OCI | Terraform | Docker | Kubernetes | Azure (AKS, Functions, SQL Database, Cosmos DB)
Data & Persistence: PostgreSQL | MySQL | Oracle DB | MongoDB | DynamoDB | Cassandra | Redis | JPA | Spark | Elasticsearch | Apache Solr
CI/CD & Quality: Jenkins | GitHub | GitLab CI | Maven | Gradle | SonarQube | JUnit | Mockito | TDD | BDD
Monitoring & Observability: Prometheus | Grafana | ELK Stack | Splunk | Datadog
AI/LLM & Advanced Features: LLM integration | RAG | Semantic Search | Prompt Engineering | Function Calling | Vector DB Design. AI Guardrails

CONSULTING, STRATEGY & TRANSFORMATION EXPERTISE

Strategy & Transformation

- Digital Transformation
- IT Service Management (ITSM)
- Technology Strategy
- Strategic Roadmaps
- Business & IT Alignment
- Enterprise Architecture
- Technology Modernization
- Strategic Planning
- Current State Analysis
- Future State Design
- Solution Recommendation

Consulting Delivery & Governance

- Consulting Engagement Leadership
- Transformation Governance
- Risk Management
- Financial Management
- Resource Planning
- Technology Assessments
- Data-Driven Decision Making
- KPI Definition & Measurement
- Executive Reporting
- Operational Performance Analysis

Stakeholder & Change Leadership

- Executive Stakeholder Management
- Communication Planning
- Training and Coaching
- Organizational Readiness
- Leadership Development
- Organizational Change Management
- Change Adoption & Enablement
- Business Process Transformation

Business Development & Advisory

- Client Advisory Services
- Proposal Writing
- Business Development
- Pursuit Management
- Solution Structuring
- Process Consulting
- Requirements Management
- Root Cause Analysis

EXPERIENCE

Squad Lead /Senior Engineering Manager - Cognizant (Visa)

Oct 2025 - Jul 2026

Led high-performing engineering organization: Managed 4 Development Managers overseeing 24 distributed engineers across multiple squads, achieving 100% sprint goal completion and maintaining delivery alignment with Visa's critical payment processing roadmap.

Established governance & accountability frameworks: Designed and implemented KPI tracking, performance measurement, and delivery governance standards that improved cross-team collaboration metrics by 35% and reduced deployment cycle time by 20%.

Architected MCP-driven microservices acceleration: Integrated Model Context Protocol (MCP) tooling into Java microservices ecosystem, enabling AI-native capabilities and reducing feature delivery time by 25%.

Optimized search infrastructure for scale: Spearheaded OpenSearch and Elasticsearch implementations across 2 major product lines, improving query performance by 45% and enabling real-time analytics on transactions; deployed Solr reducing retrieval latency by 50% for high-volume queries.

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Finance Systems and Integrations Lead Engineer - EPAM (Google)

Feb 2025 - Jul 2025

Architected financial data processing at scale: Led end-to-end design and implementation of financial systems integration within Google Data Governance, processing $2B+ in daily transactions with 99.99% accuracy and availability.

Optimized data infrastructure for performance & cost: Engineered Big Query, Bigtable, Cloud Spanner, and Google Dataflow pipelines, achieving 40% improvement in throughput, 50% reduction in latency, and 30% cost savings on infrastructure spend.

Integrated AI/ML into financial workflows: Designed and deployed Retrieval-Augmented Generation (RAG) systems and agentic AI workflows for financial module enhancements, enabling real-time intelligent decision-making on transaction validation and fraud detection**.**

Java Development Lead - Nortal (T-Mobile)

Sep 2024 - Dec 2024

Delivered scalable cloud-native e-commerce platform: Architected and deployed microservices-based solution on AWS supporting 10M+ annual transactions with seamless third-party partner integrations, enabling new revenue channels and expanding payment processing ecosystem by 15% in first quarter.

Optimized backend API performance at scale: Engineered RESTful backend architectures using Spring Boot and Elasticsearch, reducing API response latency by 35% and delivering 99.95% uptime SLA supporting peak transaction loads of 25K requests/second.

Established governance frameworks for partner ecosystem: Drove API governance standards and microservices integration patterns across 8+ partner organizations, accelerating feature delivery timelines by 30% and improving cross-team engineering velocity by 40%.

Java Development Lead - HCL (USAA Bank)

Feb 2024 - Sep 2024

Led mission-critical financial systems delivery: Managed design and implementation of comprehensive Java-based solutions including microservices, batch processing, and job orchestration for USAA's core financial operations processing $50M+ in daily transactions.

Transformed batch processing efficiency: Architected Control-M enterprise job orchestration framework, reducing critical batch processing cycles from 8 hours to 1 hour—an 87% operational efficiency improvement that generated $12M+ in annual cost savings and eliminated daily overnight processing bottlenecks.

Ensured regulatory compliance at enterprise scale: Designed and implemented PCI-DSS and SOX-compliant RESTful architectures across all financial modules, achieving 100% audit compliance with zero regulatory violations and reducing compliance assessment cycles by 45%.

Senior Software Development Manager - Oracle

Feb 2016 - Dec 2023

Built enterprise-grade 5G analytics platform: Led technical architecture and product delivery of Oracle's NWDAF (Network Data Analytics Function)—a production system processing petabytes of telecom data—generating $10M+ commercial agreements with tier-1 operators including Orange, Vodafone, Dish Network, KT Corp; secured contracts representing 35% on revenue growth.

Led high-performing cross-functional engineering organization: Managed 14-18 engineers (Development, QA, DevOps, Subject Matter Experts) across complete software lifecycle—architecture, development, testing, and production operations—at enterprise scale; improved delivery predictability by 40% and engineering team retention by 35% through defined KPI frameworks and accountability structures.

Architected scalable microservices infrastructure at petabyte scale: Designed and deployed production-grade Java microservices platform leveraging Spring Boot, Apache Kafka, Python, Docker, Helm, and Kubernetes on Oracle Cloud Infrastructure; architected real-time data analytics pipelines supporting 100K+ events/second with 99.99% availability and sub-second query latency.

Drove C-suite partnerships & product positioning: Collaborated with C-level executives from global telecom operators to architect 5G analytics solutions; positioned Oracle's NWDAF as competitive advantage against Nokia and Ericsson, securing multi-year commitments from 12+ tier-1 operators.

Software Development Lead - Accenture (Emerson Electric)

Nov 2013 - Feb 2016

Delivered large-scale e-commerce platform for Fortune 500 manufacturer: Led end-to-end development of enterprise solutions for Emerson Electric, managing 15-engineer team on Java, Hibernate, IBM WebSphere Commerce, and Apache Lucene, reducing search latency by 60% and improving conversion rate by 18%; enabled $15M+ incremental annual revenue through expanded digital channels and enhanced user experience.

Architected enterprise integration layer at massive scale: Designed sophisticated WebMethods Integration Server solutions connecting Emerson's legacy internal systems with 50+ third-party distributor ecosystems; eliminated manual integration overhead and reduced order-to-fulfillment cycle time by 25%

Built mission-critical transaction infrastructure: Engineered integration supporting 5M+ daily transactions across supply chain and sales systems with zero data loss and 99.95% uptime; maintained 100% order accuracy across partner networks, preventing regulatory/financial violations.

Software Development Lead Engineer - TCS (Bank of America)

Jun 2011 - Oct 2013

Ensured high availability of mission-critical financial systems: Led delivery and 24/7 operational support of 5 business-critical Java financial applications serving Bank of America's institutional clients and processing $200M+ in daily transactions; maintained 99.99% uptime SLA while ensuring full regulatory compliance with Federal Reserve and OCC requirements.

Delivered tax compliance & financial reporting suite: Built and deployed 10 tax-related applications generating accurate executive financial reports and institutional tax filings; ensured 100% compliance with IRS, Federal Reserve, and SOX regulatory requirements across all reporting cycles with zero audit findings or restatements.

Transformed operational efficiency: Designed service management platform that improved SLA compliance by 45% and reduced MTTR by 50%; automated escalation workflows reduced after-hours page volume by 60%, improving team capacity and work-life balance for 40+ engineers.

CERTIFICATIONS

AI & Emerging Technologies
- Claude Certified Architect

Cloud & Enterprise Platforms
- OCI 2023 Multicloud Architect OCA
- OCI Developer 2020 Certified Associate
- Oracle Autonomous Database Cloud Specialist
- CompTIA Cloud Essentials

Agile & Delivery Management
- Scrum Master

Technical Foundations
- Oracle Java Web Services Developer
- SAP ABAP Developer

EDUCATION

Master of Business Administration
Universidad Tecnológica Latinoamericana en Línea
2019 - 2020

Master in Computer Science
Instituto Tecnológico y de Estudios Superiores de Monterrey
2018 - 2020

Bachelor's degree in informatics
Universidad Veracruzana
2001-2005

KEY ACHIEVEMENTS & BUSINESS IMPACT

Drove $10M+ in commercial revenue through platform innovation: Built and launched Oracle 5G NWDAF from inception, generating $10M in multi-year contracts with tier-1 global operators (Orange, Vodafone, Dish, KT Corp); positioned Oracle as competitive alternative to Nokia and Ericsson, capturing 12% market share in 5G analytics segment.

Transformed batch processing efficiency at enterprise scale: Architected Control-M job orchestration framework at USAA Bank, reducing critical batch cycles from 8 hours to 1 hour (87% efficiency gain), generating $12M+ in annual cost savings and enabling real-time financial operations processing $50M+ daily with zero data loss.

Optimized microservices architecture for massive scale: Engineered API infrastructure supporting 10M+ transactions at T-Mobile and $200M+ daily at Bank of America; achieved 35% API latency reduction, 99.95%+ uptime SLA, and 40% improvement in deployment frequency.

Led engineering organizations at Fortune 500 scale: Managed 14-24 engineer teams across 4 Fortune 500 companies (Oracle, Google, USAA, T-Mobile); improved predictability by 40%, reduced time-to-market by 30%, and achieved 35% retention improvement through performance frameworks and accountability.

Ensured zero-incident security & compliance posture across critical systems: Maintained 99.99% uptime SLA and zero security incidents while processing billions in daily financial transactions at Google and Bank of America; achieved zero audit findings across 15+ financial applications.

Accelerated partner ecosystem integration & revenue expansion: Designed and deployed integration layers supporting 50+ third-party partner ecosystems, reducing order-to-fulfillment cycle time by 25%, enabling $15M+ in incremental revenue at Emerson Electric, and expanding addressable market for 5G analytics platform to 12+ tier-1 operators globally.

LANGUAGES

English: Advanced (Business Fluent) | **Spanish**: Native. | **Italian**: Basic