

PROFESSIONAL SUMMARY

AI Architect at Synechron with 23+ years in software engineering, specializing in Java, Spring, enterprise platforms, and production AI systems.
Architecture ownership remains close to implementation: service boundaries, APIs, persistence, integrations, AI workflows, evaluation, deployment automation, production hardening, and technical alignment.

CURRENT	AI Architect at Synechron	LOCATION	Glendale / Los Angeles, California
AUTHORIZATION	U.S. citizen; no sponsorship required	EDUCATION	B.S. Electrical Engineering and Computer Science, Cal Poly Pomona

CORE CAPABILITIES

Architecture	AI platforms / Distributed systems / Service boundaries / Domain modeling / Enterprise integration / Modernization
Core engineering	Java / Spring Boot / Spring AI / Python / REST APIs / Kafka / RabbitMQ / Security / Testing
Applied AI	OpenAI / Anthropic / Claude Code / Vertex AI / RAG / PGVector / Chroma / Ollama / Structured outputs / Evals / Agent workflows
Cloud and data	AWS / GCP / Azure / Docker / Kubernetes / Ansible / PostgreSQL / MySQL / SQL Server / MongoDB / InfluxDB

PROFESSIONAL EXPERIENCE

AI Architect / Lead Engineer Jan 2026 - present

Synechron / Everi-IGT Platforms AI initiative

Lead architecture and delivery for a multi-module Java, Spring Boot, Spring AI, and Python-supported platform spanning financial reporting, banking workflows, enterprise automation, agents, and deployment automation.

Own technical direction while remaining hands-on in APIs, service logic, persistence, validation, integration workflows, tests, and production hardening.

Built a context-first engineering model for Codex, Claude Code, and GitHub Copilot using source evidence, knowledge bases, agent instructions, and validation loops.

Hardened ISO 20022 and BAI2-style processing, SFTP and bank-report integrations, tie-out pipelines, duplicate detection, and downstream REST APIs.

AI Lead Engineer / Senior Software Engineer Jun 2025 - Dec 2025

Cognizant / Elevance Health Medicare digitalization

Led AI engineering for Medicare plan digitalization across Java/Spring services, Python-supported workflows, healthcare business rules, and mobile integrations.

Designed patterns for extracting, organizing, validating, and operationalizing healthcare plan information.

Established source-grounded guardrails to reduce hallucination risk and preserve regulated-domain correctness.

Senior Software Engineer

May 2022 - May 2025

Deloitte Consulting / BMO / Walmart / American Home Insurance

Delivered banking, payments, retail optimization, insurance, mobile integration, and AI-assisted enterprise modernization programs.

- Modernized debit and credit card workflows, payment integrations, geofencing, suspicious-activity detection, and mobile-facing transaction APIs for BMO.

- Led AI-integrated delivery-optimization microservices and Kafka data pipelines for Walmart store operations.

- Architected authentication and integration modules and delivered a new insurance line-of-business product ahead of schedule.

Senior Software Engineer

Sep 2019 - May 2022

TSS Wireless / Transportation and IoT

Modernized dispatch systems into event-driven Spring Boot services with real-time tracking, streaming telemetry, and mobile field operations.

Lead Project Development Engineer

Aug 2015 - Sep 2019

Bridge Entertainment / Epoll / SaaS and cloud modernization

Owned architecture, implementation, AWS migration, deployment automation, and production support for high-volume SaaS and survey platforms.

Lead Development Engineer

Jul 2013 - Sep 2015

Lakeshore Learning Materials / B2B marketplace

Led B2B marketplace delivery and migrated legacy .NET capabilities into Java/J2EE and Spring applications.

Senior Software Engineer

Jul 2008 - Jul 2013

MTS Integratrack / MVNO telecom platform

Built carrier-integrated activation, refill, provisioning, and account platforms; contributed to capabilities used by millions and approximately 200x customer growth over four months.

Software Engineer

Jan 2003 - Jul 2008

PFI Software / Construction management software

Developed secure enterprise Java web applications, custom JSP components, servlets, JDBC persistence, and distributed-team workflows.

PROFESSIONAL PROFILES

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