

CHANDRAKANTH ANNE

Enterprise Technical Architect

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PROFESSIONAL SUMMARY

Enterprise Solutions Architect and Technical Architect with 20+ years of experience designing, modernizing, and leading enterprise software platforms, infrastructure automation programs, API security, storage modernization, and cloud-native delivery. Known for translating complex business and infrastructure needs into scalable architecture, delivery roadmaps, high-quality engineering practices, and measurable release outcomes across financial services, utilities, telecom, and enterprise software environments.

CORE SKILLS

Architecture & modernization: enterprise architecture, solution architecture, platform modernization, microservices, SOA, API-first design, HLD/LLD documentation

AI & Intelligent Automation: Generative AI, LLMs, prompt engineering, AI-assisted SDLC, GitHub Copilot, Claude, OpenAI, RAG, vector search, Python automation, intelligent workflow automation, predictive monitoring, anomaly detection, and AI-ready API architecture.

Cloud, DevOps & automation: Kubernetes, OpenShift, AWS, Azure, CI/CD, Jenkins, GitHub onboarding, TDD, infrastructure automation, Chef-to-Ansible migration

API, integration & security: REST, OAuth2, JWT, Keycloak IAM, NGINX API Gateway, Kafka, JMS, Web Services, XML, XSLT, BPEL, IBM WID/WPS

Engineering stack: Python, GO, Java, J2EE, Spring, Hibernate, JSP, JavaScript, TypeScript/NestJS, Python, Node.js, PL/SQL

Data, storage & platforms: Oracle, MongoDB, MySQL, SQL Server, PostgreSQL, ScaleIO/PowerFlex, SAN/NAS, WebSphere, WebLogic, Linux, Solaris

Leadership & delivery: SAFe/Agile delivery, roadmap planning, sprint execution, stakeholder governance, team leadership, hiring, release management

PROFESSIONAL EXPERIENCE

VSP360 Billing Reconciliation Engine / Platform

Jun 2025 - Present

Technical Architect

Architecting the VSP360 Billing ETL and reconciliation platform with a focus on Kubernetes-based deployment, API security modernization, and enterprise-grade platform design.

- Designed authentication and authorization architecture using Keycloak IAM, OAuth2/JWT flows, NGINX API Gateway patterns, and internal/external consumer security models.
- Produced high-level design documents, solution architecture diagrams, sequence diagrams, and infrastructure/deployment architecture documentation.
- Guided platform modernization decisions for Kubernetes deployment, scalable integration, service security, and operating-model readiness.
- Advanced Test-Driven Development adoption by preparing implementation examples, engineering guidance, and practical documentation for delivery teams.

Citi - Enterprise Automation & Storage Modernization

Mar 2020 - Jun 2025

Technical Architect and Lead

Led architecture, automation strategy, technical documentation, and roadmap planning across Citi infrastructure, storage modernization, backup, migration, compliance, and cloud-native automation initiatives.

- Defined SONIC Block automation strategy for Dell EMC ScaleIO/PowerFlex provisioning, delivery roadmaps, and repeatable storage-provisioning workflows.
- Contributed to Guardian/SONIC Backups architecture for self-service backup and recovery, including API Gateway, JWT security, Kafka events, MongoDB persistence, CI/CD, and microservice designs.
- Supported SDS Automation Modernization by contributing to Chef-to-Ansible migration strategy, sprint execution, roadmap planning, and enterprise patching automation.
- Designed VMware and NAS migration automation strategies covering upgrades, capacity planning, resource reclamation, platform hygiene, validation, monitoring, reporting, and execution workflows.
- Supported OpenShift/Lightspeed automation efforts, including GitHub onboarding, CI/CD planning, container-based deployment strategy, and DevOps modernization.
- Authored and maintained HLD, LLD, BRD, solution guides, delivery plans, and governance documents across storage, monitoring, compliance, ServiceNow, and remediation automation programs.

CoServ, Corinth, TX

Oct 2016 - Mar 2020

Architect & Application Development Manager

Directed architecture and delivery for utility service-order, billing, new-service request, and annual-meeting applications while leading cross-functional Agile delivery teams.

- Led multiple teams, product owners, architects, and technical leads through SAFe-based delivery, release planning, and dependency management.
- Architected service-order automation, workflow, request/response message flows, retry flows, AWS interactions, and continuous integration patterns.
- Increased release predictability by 20% through delivery-plan coordination, risk visibility, and scrum-team impediment management.
- Delivered a customer billing release that improved billing efficiency by 40% through integration with the CIS enterprise data model platform.
- Reduced the defect backlog by 30% during the R2.5 release timeframe by driving process improvements and root-cause analysis.
- Produced an initial \$350K in cost savings by forming and integrating teams around project needs, resource capacity, and delivery priorities while recruiting and developing development and QA talent.

CoServ, Corinth, TX

Jan 2010 - Sep 2016

Senior Developer / Integration Architect - Electronic Service Orders, IWATS

Designed and developed service-order and workflow applications for utility connection, disconnection, repair, construction, design review, invoicing, and accounting processes.

- Designed and developed BPEL business process flows, reusable SOA integration modules, interfaces, interface maps, and business object maps using IBM WID/WPS.
- Built orchestration services, WSDLs, XML request/response flows, EJB integration components, and transformation classes for enterprise workflow processing.
- Developed JSP user interfaces, shell scripts, SQL/PLSQL scripts, procedures, and backend integration routines supporting Oracle Fusion and ESB/J2EE technologies.

Motorola

Jan 2009 - Jan 2010

Team Lead / Senior Developer - RM Platform

Led design and development for a media-resource management platform that scheduled ingest, transcode, distribution, estimating, and work-order task workflows.

- Led a four-member team designing SOA-based integration modules, UML class/sequence designs, Spring MVC interactions, Hibernate object mapping, and WPS estimation modules.
- Implemented orchestration logic, interface maps, business object maps, reusable services, and backend integrations for work-order processing.

EARLIER EXPERIENCE

XO Communications, Plano (Nov 2007 - Jan 2009): Senior Developer for TBS Netprov, Ethernet Rate Limited, Multi VPN, NNI, and MACD provisioning flows using UML, Spring, Hibernate, JMS, web services, Oracle, WebSphere, XML parsing, SQL tuning, and PL/SQL.

Integrasys, Frisco (Jul 2006 - Nov 2007): Lead Developer for Funding/PayTraxx bill-payment processing, JMS queueing, monitoring, Ajax-enabled web modules, handlers, stateless session beans, UML models, Oracle scripts, and Sun Application Server deployments.

Carreker, Dallas (Feb 2005 - Jun 2006): Developer for ATM Profit and Loss reporting, transaction analysis, surcharge/interchange calculations, JSP pages, IBATIS mappings, SQL queries, WebLogic session beans, and Cognos reporting data.

AT&T, Dallas (Sep 2003 - Feb 2005): Lead Developer for DCPR order-processing automation using FileNet BPM, Java, JSP, Servlets, Struts, EJB, WebSphere, Oracle, XML, IBM MQ, Business Objects, UML design, ER-Win modeling, SQL/PLSQL tuning, production support, and reporting.

EDUCATION & CERTIFICATION

- Bachelor of Engineering, Electronics and Instrumentation
- Sun Certified Java Programmer