

PRAVEEN YADAV P

Engineering Leader | Solution Architect | Generative AI Architect | PMP®

Lead Software Engineer | Vice President (VP) | Wells Fargo International Solutions

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Summary

PMP-certified engineering leader with 15+ years of experience designing, modernizing, and running enterprise platforms across banking and financial services — leading distributed India–US teams and combining deep .NET / Azure / SQL Server architecture expertise with Generative AI and intelligent automation to deliver measurable business value.

- **Engineering Leadership & Delivery:** Leads a **14-member cross-functional team** (9 engineers) as Alternate Technical Manager for two enterprise applications, additionally mentoring 6 engineers across 3 teams — owning delivery, roadmaps, production governance, and business continuity.
- **Application Ownership:** End-to-end technical ownership of two enterprise applications — with MDT fully collocated to India in 2021 as the **first EFT line-of-business application**, engineered and supported entirely from India.
- **Solution Architecture & Cloud Modernization:** Architects and modernizes business-critical platforms — leading **Azure** public cloud, SQL MI, and **OCP** migrations alongside API/event-driven integration and tech-debt reduction.
- **Generative AI & Intelligent Automation:** Led **GENIE AI** (projected **~70% effort reduction** across a 30+ FTE operations team) and the “Seek and Destroy” GenAI recommendation platform — **~11,000 engineering hours saved (~\$660K estimated)**.
- **Automation & Cost Optimization:** Delivered **\$250K+ in annual savings** through multiple automation, process-improvement, and application-modernization solutions — several self-initiated, including for business teams with no dedicated development support — eliminating repetitive manual processes and reducing support dependencies.

Key Achievements

Business Impact & Cost

~11K Engineering Hours Saved

(~\$660K estimated) via “Seek and Destroy,” a GenAI recommendation platform for migration analysis

\$250K+ Annual Savings

through multiple automation, process improvement, and application modernization, several self-initiated

100+ Recognitions

Shared Success, Manager Spotlight, Champion & AE awards

AI & Platform Modernization

~70% Effort Reduction (Projected)

GENIE AI — GenAI-driven coordinator & admin automation for a 30+ FTE operations team

Enterprise Platform Modernization

Modernized enterprise applications and integrations across .NET Core, Azure, OCP, Kafka & APIGEE, spanning cloud, middleware and platform migrations.

Enterprise GenAI Adoption

LLMs, RAG & prompt engineering embedded into engineering operations

Leadership & Ownership

14-Member Cross-Functional Team

led as Alternate Technical Manager; additionally, mentors 6 engineers across 3 teams

India-First EFT Collocation (2021)

MDT — fully engineered & supported from India; owns architecture, roadmap & delivery end to end

CSR Core Committee (2017–2021)

1 of 7 SPARSH core committee members leading Wells Fargo CSR for the 2,000+ employee Chennai campus

Skills

- **Leadership & Delivery:** Team Leadership, Project Management (PMP), Delivery Ownership, Technology Roadmaps, Production Governance, Risk & Compliance, Stakeholder Management, Hiring & Mentoring, Agile
- **Languages & Frameworks:** C#, .NET / .NET Core, ASP.NET MVC, Web API, ReactJS, JavaScript, Python
- **Generative AI & Automation:** LLMs, RAG (Retrieval-Augmented Generation), LangChain, LangGraph, Prompt Engineering, LLMops, MCP, Vector Databases, Embeddings, AI-Assisted Development
- **Cloud & DevOps:** Microsoft Azure, Azure DevOps, OpenShift (OCP), PCF, GitHub Actions, Harness, TFE
- **Databases & Data:** SQL Server, SSIS, Query Optimization, Performance Tuning, Azure SQL MI
- **Integration & Platforms:** REST APIs, Kafka, ServiceNow, APIGEE, DataPower, Enterprise Integrations

Work Experience

Lead Software Engineer · Vice President (VP)

09/2015 – Present

Wells Fargo International Solutions, Chennai

- Lead a 14-member cross-functional team (9 engineers) as Alternate Technical Manager for two enterprise applications, while additionally mentoring 6 engineers across 3 other application teams.
- Own end-to-end delivery, technology roadmaps, capacity planning, risk management, and production governance for business-critical platforms across distributed India–US Agile teams; drive hiring, technical interviews, and workforce planning.
- Saved **~11,000 engineering hours (~\$660K estimated)** by leading “Seek and Destroy,” a Generative AI recommendation platform for migration analysis and engineering decision support — from design to deployment.
- Spearheaded GENIE AI, an Agentic AI platform for MDT, orchestrating workflows and projected to cut operations effort by **~70%** across a 30+ FTE reverse-logistics team.
- Delivered **\$250K+ in annual savings** through multiple automation, process-improvement, and application-modernization solutions — several self-initiated, some for business teams with no dedicated development support.
- Led the **first EFT line-of-business application collocation to India in 2021** for MDT, an enterprise reverse-logistics platform, owning solution architecture, the technical roadmap, technical debt reduction, enterprise integrations, and end-to-end delivery from design through deployment.
- Drove **cloud modernization** — Azure public cloud, SQL MI, and OCP migrations across the MDT application and SCS (SACM Common Services) components.
- Architected and modernized secure enterprise integrations across APIs, middleware, ETL, and event-driven patterns using .NET, Azure, Kafka, OpenShift, SSIS, and APIGEE — including integrations with external SaaS platforms such as ServiceNow.

Senior Developer

10/2010 – 09/2015

Data Software Research Company (DSRC), Chennai

- Progressed from Trainee Programmer to Senior Developer — delivering web and desktop projects with C#, ASP.NET, SQL Server, and WPF, managing client interactions, mentoring junior developers, and extensively conducting technical interviews for developer hiring.

Education & Certifications

- Bachelor of Engineering (B.E.), Electronics & Communication Engineering — Annamalai University, Tamil Nadu
- PMP® — Project Management Professional (PMI) · Microsoft Certified: Azure Fundamentals (AZ-900) · PCAP: Certified Associate in Python Programming

Awards

- 100+ Shared Success Appreciations at Wells Fargo.
- Multiple Manager Spotlight, Champion, and Achieving Excellence (AE) Awards for innovation, engineering excellence, leadership, and delivery impact.

Community & Corporate Engagement

- Core Committee Member, SPARSH — Wells Fargo CSR, Chennai: 1 of 7 members leading CSR programs for the 2,000+ employee Chennai campus (2017–2021), and FACE Team Volunteer, Chennai (2017–2018).

Projects — Annexure

Detailed write-ups of key projects supporting the experience summarized on pages 1–2.

GENIE AI — Coordinator & Admin Automation for MDT

Generative AI / LLMs · RAG · Vector DB · Prompt Engineering · MCP · Python · .NET · Azure

- Led design and development of a Generative AI initiative automating coordinator and admin workflows in MDT, the enterprise reverse-logistics platform, using LLMs and prompt engineering — projected to reduce ~70% of coordinator and admin effort across a 30+ FTE team.
- Enabled AI agents to perform the majority of coordinator and administrative activities, with human-in-the-loop oversight for critical decisions and actions.
- Integrated the solution with MDT and enterprise services to support end-to-end workflow automation.

Seek and Destroy — GenAI Recommendation Platform

Generative AI / LLMs · RAG · Prompt Engineering · Python · .NET · SQL Server

- Led the design-to-deployment delivery of a GenAI-powered recommendation platform for migration analysis and decision support — LLM-driven recommendations saved ~11,000 engineering hours (~\$660K estimated cost impact).

MDT — Monitored Disposal Tool

ASP.NET MVC · Web API · SQL Server · SSIS · APIGEE · Azure · TFE · Azure DevOps

- Lead Engineer for the enterprise reverse-logistics platform — first EFT line-of-business application collocated to India (2021), fully engineered and supported by the India team.
- Owned architecture, roadmap, modernization, Agile delivery, and operational governance — change management, incident/vulnerability SLAs, BCP, risk, compliance, and NFRs; delivered ServiceNow, Remedy, and HR-system integrations via REST APIs, SSIS, and ETL.

SCS (SACM Common Services)

.NET Core · Java · REST APIs · Kafka · OpenShift (OCP) · SQL Server · APIGEE

- Enterprise IT-for-IT business-services suite of five components — designed and developed the components spanning secure ServiceNow file services, API services that capture PEGA workflow records for enterprise analytics and reporting, and a Java API providing LDAP services to the ServiceNow SaaS platform.
- Owned architecture, roadmap, and end-to-end delivery for the suite — production governance, change and incident management, vulnerability SLAs, and compliance — ensuring reliable, secure services for ServiceNow and PEGA consumers.
- Drove the PCF-to-OpenShift (OCP) migration across all five components.

- **ICMP–KEES Enterprise Integration:**

.NET Core · REST APIs · Kafka · OCP · APIGEE · SQL Server · Splunk · GitHub Actions · Harness

- Designed a secure enterprise integration enabling ServiceNow Customer Care Now (CCN) workflows while keeping customer documents within governed platforms.
- Built middleware integrating ICMP and KEES (Kafka-based Enterprise Event Service) as a unified API layer for secure document ingestion and retrieval, using API- and event-driven patterns for scalability, reliability, and asynchronous processing.

DMan — Deployment Management and Notification

ASP.NET MVC · SQL Server · SSIS · Kendo UI

- Enterprise platform supporting server patch scheduling, workflow automation, notifications, and operational governance.
- Key team member in migrating the platform from IIS to Azure private cloud.