

Himanshu Patel

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PROFESSIONAL SUMMARY

Results-driven Senior Engineering leader with 15+ years of experience leading high-performing engineering teams and delivering scalable enterprise platforms. Proven track record of managing 40+ engineers, driving 0→1 product development, and building cloud-native systems serving 70M+ users. Expert in distributed systems, platform engineering, and cross-functional leadership with demonstrated success in fintech and enterprise SaaS environments.

SKILLS

Leadership: Engineering Strategy & Roadmap, Team Building, OKRs, Cross-Functional Collaboration, Global Product Development, Platform Architecture

Domain Expertise: Analytics, Digital Payments, Financial Health, Wealth and Asset Management, EdTech

Technologies: Distributed Systems, Microservices and API development, Cloud-Native SaaS, Agentic Workflows, Apache Calcite, Trino, DuckDB, Iceberg, Spark, Flink, Kafka, MongoDB

Languages & Frameworks: Java, Scala, Typescript, React, Spring, JAX-RS, Open API, GraphQL

Cloud & DevOps: Cloud Architecture, Blue-Green Deployment, CI/CD, 12-Factor Applications, Chaos Engineering

Data & Analytics: Data Visualization, In-memory analytics, Data Lake, Semantic Data Layer

EXPERIENCE

WORKDAY

Pleasanton, CA

Senior Engineering Manager

July 2022 – Present

- Lead engineering organization of 40+ engineers (including 3 senior engineering managers) for Core Analytics and Reporting Engine, a multi-tenant cloud-native platform processing 5B+ queries monthly for 70M+ users across 11K enterprise customers (60%+ of Fortune 500).
- Spearheaded 0→1 development of semantic data layer (Business Views) enabling AI-ready access to enterprise business data for reporting, financial audit and payroll agents
- Scaled systems to support billions of data rows through distributed architecture optimization using Calcite, Trino, & Iceberg
- Delivered next-generation analytics UX by aligning cross-functional teams to enhance usability and performance
- Enhanced platform resilience through dynamic compute and memory management strategies
- Partnered with product and technology leadership to define Workday Data Cloud vision for secure, zero-copy data sharing with Databricks, Salesforce, and Snowflake

WELLS FARGO

San Francisco, CA

Senior Engineering Manager, Vice President

Jan 2021 – July 2022

Engineering Manager

Nov 2018 – Dec 2020

Principal Engineer

Sep 2016 – October 2018

- Lead and mentor a 25+ member org delivering 0→1 digital payment products for 40M+ customers across all channels
- Scaled Zelle® platform with 162% YoY transaction and 59% value growth, driving major network expansion.
- Modernized payments architecture with event-driven microservices (Kafka, Flink, MongoDB), improving resiliency
- Optimized transaction limits, reducing customer complaints by 21% and saving \$93M annually
- Streamlined legacy systems into domain-driven, API-first platforms, accelerating partner integrations and compliance

MPHASIS	San Francisco, CA
Principal Engineer	July 2014 – Aug 2016
<ul style="list-style-type: none"> Partnered with digital arch. teams to define cloud-native blueprints for 12-factor readiness & blue-green deployments Drove application modernization and migration strategies, enabling scalable and resilient deployment models Evangelized engineering excellence practices—BDD, mutation testing, and chaos engineering—to enhance automation, reduce defect escape ratios, and improve system availability 	
NTT Data	San Francisco, CA
Lead Software Engineer	July 2012 – July 2014
<ul style="list-style-type: none"> Delivered patent-winning metadata-driven eForm platform, onboarding 200+ forms in 6 months and cutting origination time by 50% Built secure, reusable APIs and UI components enabling digital document ingestion and fulfillment, reducing loan processing time by 60% Designed and launched cross-channel digital platforms (web, mobile, store, phone) including My Retirement Plan®, driving \$800M+ in new IRA assets and ensuring ADA compliance through innovative, patent-winning solutions 	
SEI INVESTMENTS	Philadelphia, PA
Senior Software Engineer	June 2011 – July 2012
<ul style="list-style-type: none"> Developed SOAP-based web services (JAX-WS) integrated with Oracle Service Bus, enabling institutional clients to embed asset management capabilities within their platforms Implemented secure authentication by integrating OSB proxy services with Siteminder Policy Server, ensuring enterprise-grade access control Enhanced system interoperability and client integration efficiency, expanding digital access to asset mgmt. services 	
TENNESSEE BOARD OF REGENTS	Johnson City, TN
Software Engineer	Aug 2009 – May 2011
<ul style="list-style-type: none"> Designed XML-based data models (XSD) to standardize faculty activities across TBR-affiliated institutions Built XSLT-driven data transformation components, streamlining generation and exchange of faculty activity reports 	
HUTCHISON 3G	Pune, India
Software Analyst	May 2008 – July 2009
<ul style="list-style-type: none"> Supported Hutch 3G operations in Europe by developing and maintaining back-office tools for customer service Improved operational efficiency and responsiveness, enabling faster issue resolution for end customers 	
WIPRO	Pune, India
Systems Analyst	May 2007 – May 2008
<ul style="list-style-type: none"> Supported billing and scheduling CRM applications for Atlanta Gas Light in the utilities sector Enhanced customer service operations by ensuring reliable application performance and uptime 	
EDUCATION	
East Tennessee State University	Johnson City, TN
Master of Science, Applied Computer Science	
University of Pune	Pune, India
Bachelor of Engineering, Computer Engineering	
PATENTS	
Automatic dynamic generation of electronic forms using form definition	US10657320B1, May 19, 2020
Strategy Based Feature Disablement	US10083323B1, Sep 25, 2018