

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

- 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

- 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

- 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

- 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

- 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

- 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