

RUSHABH PASAD

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SUMMARY

AI-first technology leader with 15+ years building scalable web, mobile, and data platforms. Currently driving organization-wide AI transformation at Testlify and Samyak Tech Labs - embedding Agentic AI pipelines, AI-assisted development, and AI-driven infrastructure monitoring across engineering, data, marketing, and sales. Previously at Apple Inc. (ApplePay, iCloud) architecting full-stack data and mobile systems. Deep expertise in Java, Python, JavaScript, cloud, and end-to-end data engineering - with a bias toward clean architecture, performance, and solving real-world problems.

SKILLSET

AI & Agentic Systems: Agentic AI Pipelines, AI-Assisted Development (TDD + AI), AI-Driven Content Generation & Auditing, AI-Driven Infrastructure Monitoring, LLM Tooling, Open Claw, Prompt Engineering

Leadership & Delivery: AI Transformation & Enablement, Technical Leadership, Solution Architecture, Scalable System Design, Cross-functional Collaboration, Team Mentorship, CI/CD Strategy

Data Engineering & Analytics: Apache Airflow, Hadoop, Spark (Scala), Hive, Pig, Snowflake, ETL/ELT, Medallion Architecture, HDFS, Parquet, Avro, Tableau, Solr

Backend & Distributed Systems: Spring, Node.js, Kafka, Redis, PostgreSQL, Oracle, MongoDB, Cassandra

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, CloudFront), GCP, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, Nginx, Gradle

Frontend & Mobile: React.js, JavaScript, Tailwind, Material UI, iOS SDK, Swift, SwiftUI

Languages: Java, Python, JavaScript, Swift, Objective-C, Scala, Bash

WORK EXPERIENCE

Technical Lead - Testlify

Nov 2025 – Present

- Spearheaded company-wide AI transformation: introduced AI-assisted development and content workflows across engineering, data, marketing, and sales - driving productivity gains for 70%+ of employees and materially reducing production bugs.
- Architected Agentic AI pipelines for the data team to audit platform data and generate net-new content, improving language quality, correctness, and clarity across the platform.
- Enabled Marketing and Sales with Agentic AI pipelines (Open Claw) to curate prospect profiles - increasing high-intent leads by 70%+ and lifting conversion probability.
- Set engineering direction: system architecture, tech selection, code review standards, and end-to-end delivery quality.

Founder & Director - Samyak Tech Labs, Mumbai, India (samyaktechlabs.com)

Apr 2024 – Present

- Founded and lead a product + consulting tech company delivering web and mobile solutions on AWS, PostgreSQL, Spring Boot, Python, React, Node.js, Android and iOS.
- Led AI transformation across the team - embedded modern AI tooling, hands-on training, and AI-assisted engineering into day-to-day practice.
- Instituted strict TDD + AI-assisted development, raising software quality and reducing regressions on existing functionality.
- Introduced AI-driven infrastructure monitoring, reducing time-to-production and enabling low-overhead cloud operations.

Software Systems Engineer (ApplePay) - Apple Inc., Cupertino, CA

Feb 2019 – Mar 2024

- Owned the full stack - ingestion, processing, storage, APIs, dashboards, iOS app - surfacing high-value insights to analysts and executives.
- Built ETL/ELT pipelines (Apache Airflow) across Hadoop, Snowflake, and downstream systems using a Bronze–Silver–Gold Medallion architecture; processed large-volume data with Pig, Hive, and Spark (Scala).
- Developed Java REST APIs, React/JavaScript dashboards, and an internal iOS app delivering real-time KPIs to executives; implemented ACL-based access control and Redis/Memcached caching.
- Contributed to on-prem cloud CI/CD with Kubernetes and Jenkins; mentored junior engineers and led cross-team solution design.

Software Systems Engineer (iCloud) - Apple Inc., Cupertino, CA

Jan 2015 – Jan 2019

- Built web portals, dashboards, and iOS apps for product teams; developed a ML-based anomaly alerting tool and event-driven email system.
- Implemented CI/CD pipelines with Gradle and Jenkins; contributed to the core iOS Messages spam-detection feature; onboarded and mentored new team members.

Earlier Experience

2011 – 2014

- Software Developer, **Springshare** (San Francisco)
- SDE Intern, **eBay** (Santa Clara, CA. Raised unit test coverage from 9% → 22% on 1M+ LOC, built A/B Testing framework)
- BSA Intern, **Xerox** (Rochester, NY)
- Student Programmer, **RIT Wallace Library** (Solr search, PHP, Java REST APIs)

EDUCATION

MS in Computer Science (pursued) - Rochester Institute of Technology, Rochester, NY

2011 – 2013

BE in Information Technology - SAKEC, Mumbai University, Mumbai, India

2007 – 2011