

Jaydeep Mohite

London, United Kingdom · Mobile: +44 7459 132498 · Email: jaydeepmohite@hotmail.com

LinkedIn: [linkedin.com/in/jaydeepmohite](https://www.linkedin.com/in/jaydeepmohite) · GitHub: github.com/jaydeepmohite

Executive Summary

Accomplished Vice President and Lead DevOps Engineer with 8+ years of expertise designing resilient cloud-native infrastructure, leading complex enterprise migrations, and building high-performance financial systems. Proven track record executing multi-account AWS modernization, Kubernetes (EKS) platform engineering, Infrastructure-as-Code (Terraform) governance, and high-throughput trade processing platforms across Tier-1 global investment banks (J.P. Morgan Chase, Deutsche Bank). Adept at bridging platform engineering, Site Reliability Engineering (SRE), and developer experience to accelerate software delivery and optimize cloud costs.

Core Competencies & Technical Skills

Cloud & Infrastructure: AWS (EKS, EC2, S3, RDS/Aurora, IAM, VPC, CloudWatch), Kubernetes (k8s), Docker, Terraform (IaC), Helm, OpenShift Cloud, Linux/Unix Internals, Networking & Security

CI/CD & SRE Tools: Jenkins Pipeline-as-Code, ArgoCD, GitOps, SonarQube, Maven, BitBucket, Git, JIRA, Confluence

Languages & Scripting: Java (8/11/17), Python, Bash/Shell Scripting, Groovy, SQL, FIX Protocol, JavaScript, HTML5/CSS3, Gherkin

Frameworks & Libraries: Spring Boot (Security, Data, Cloud, Actuator), Chronicle (Low Latency), Node.js, React, Angular, Cucumber, Selenium

Databases & Messaging: Oracle, PostgreSQL, Redis (In-Memory Caching), MongoDB, IBM MQ, Tibco EMS, WebSockets, Kafka

Practices & Methodologies: Platform Engineering, Site Reliability Engineering (SRE), Scaled Agile (SAFe), Microservices Architecture, Zero-Downtime Deployments, Disaster Recovery

Professional Experience

JPM Personal Investing Limited – J.P. Morgan Chase & Co.

London, United Kingdom

Vice President – Lead DevOps Engineer

June 2024 – Present

- Lead DevOps and cloud infrastructure initiatives for JPM Personal Investing, establishing scalable infrastructure patterns, strict security posture, and high developer velocity across engineering squads.
- Spearheaded the flagship Atlas Migration program, migrating business-critical workloads and distributed data stores from standalone legacy AWS accounts to enterprise-standard J.P. Morgan Chase managed AWS accounts with zero downtime.
- Architected and executed end-to-end compute migration to AWS EKS (Elastic Kubernetes Service), standardizing container runtime environments, Horizontal Pod Autoscaling (HPA), and least-privilege IAM Roles for Service Accounts (IRSA).
- Orchestrated high-volume, secure data migrations across cloud databases (RDS/Aurora) and object storage with strict transactional integrity and zero data loss.
- Engineered reusable, modular Infrastructure as Code (IaC) using Terraform, automating multi-account VPC networking, security guardrails, and compliance-as-code policies.
- Standardized enterprise CI/CD pipelines using Jenkins, Docker, and Helm, incorporating automated security scanning, quality gates, and automated canary/blue-green deployments.

JPMorgan Services India Pvt. Ltd. – J.P. Morgan Chase & Co.

Bengaluru, India

Associate Vice President – Software Engineer

June 2021 – June 2024

- Served as Lead Engineer on RiskOne, J.P. Morgan's strategic real-time post-trade risk monitoring, alerting, and automated kill-switch platform handling millions of daily trading events.
- Architected the in-memory caching migration, transitioning static reference data from legacy relational databases to a distributed low-latency in-memory cache with real-time updates, reducing latency by over 70%.
- Drove the AWS cloud migration for legacy reporting monoliths, re-architecting applications into containerized cloud-native microservices on AWS.
- Designed generic, reusable Jenkins-based CI/CD automation pipelines for automated test execution, packaging, and on-demand deployment across staging and production environments.
- Collaborated closely with risk managers, trading desks, and compliance officers in a fast-paced SAFe Agile delivery environment.

DBOI Global Services Pvt. Ltd. – Deutsche Bank Group

Pune, India

Associate

April 2020 – June 2021

Senior Analyst

January 2019 – March 2020

Analyst

July 2017 – December 2018

- Core developer for Deutsche Bank's strategic global P&L accounting platform (dbPalace), ensuring high availability, exception handling, and accurate front-to-back financial reporting.
- Redesigned trade sign-off workflows from a polling architecture to an event-driven push model using WebSockets and IBM MQ, significantly reducing message delivery latency.
- Engineered an in-house microservices-based reporting framework (IHAP) with React UI to decommission IBM Cognos, saving substantial annual licensing costs.
- Established a BDD test automation framework with Cucumber, Selenium, and Serenity, increasing regression code coverage to 65% and reducing manual QA turnaround time.
- Delivered Digital Planner, a real-time web application enabling collaborative SAFe PI Planning for 200+ distributed engineers globally (Node.js, Angular, WebSockets, Redis).

Early Career & Internships

Mastercard Technology Pvt. Ltd.

Pune, India

Summer Intern

May 2016 – July 2016

- Engineered a full-stack web-based resource forecasting and management platform that reduced manual tracking overhead by 80%.
- Designed responsive front-end interfaces in AngularJS and implemented modular backend REST APIs using Spring Boot and MongoDB.

Choose To Thing Pvt. Ltd.

Pune, India

Project Intern

October 2016 – April 2017

- Developed an intelligent conversational chatbot for personalized book recommendations using NLP heuristics and integrated it with social messaging channels.

Key Projects & Architectural Highlights

Atlas Migration (JPM Personal Investing): Spearheaded the multi-account AWS cloud transformation program. Designed IaC blueprints with Terraform, orchestrated zero-downtime compute migration onto AWS EKS clusters, and coordinated multi-terabyte data migration across managed cloud databases while maintaining financial compliance and business continuity. Tech: AWS (EKS, RDS/Aurora, S3, IAM, VPC), Terraform, Docker, Helm, Jenkins, Kubernetes.

RiskOne Platform (J.P. Morgan Chase): Engineered real-time post-trade risk evaluation and limit monitoring infrastructure capable of processing high-volume market and transaction feeds. Implemented low-latency FIX protocol handlers, Chronicle queues, Spring Boot microservices, and distributed Redis caching on AWS container platforms. Tech: Java, Spring Boot, FIX Protocol, Chronicle, AWS, Redis, Docker, Angular, Jenkins.

dbPalace Platform (Deutsche Bank): Architected straight-through processing workflows for global P&L calculation and exception verification. Integrated automated health-check portals with SSO authorization, containerized components on OpenShift Cloud, and automated continuous delivery with Jenkins and Helm.

Tech: Java, Spring Boot, WebSockets, IBM MQ, Helm, OpenShift Cloud, Jenkins, Selenium, Cucumber.

IHAP Reporting Suite (Deutsche Bank): Designed a high-performance reporting framework using microservices architecture (Spring Boot, Oracle, React, Bootstrap) to replace legacy IBM Cognos, streamlining daily hedge accounting workflows for business stakeholders.

Tech: Spring Boot, Microservices, React, Bootstrap, Oracle, OpenShift Cloud, Maven.

Digital Planner (Deutsche Bank): Engineered a low-latency real-time collaborative planning tool for distributed teams, featuring live state synchronization, WebSocket broadcasting, and Redis session caching.

Tech: Node.js, Angular, WebSockets, Redis, JavaScript, HTML5/CSS3.

Education

College of Engineering, Pune (COEP)

Pune, India

Bachelor of Technology (B.Tech) – Computer Engineering | GPA: 8.17 / 10.0

July 2014 – May 2017

- Activities: Event Organizer – XTerminate, MindSpark (COEP's National Technical Festival).

Government Polytechnic, Pune

Pune, India

Diploma in Computer Engineering | Aggregate Score: 92.06%

July 2011 – May 2014

- Activities: Student Committee Member – COM'e'it, Departmental Technical Fest.

Certifications & Honors

- AWS Certified Developer – Associate – Amazon Web Services (November 2025)
- HashiCorp Certified: Terraform Associate – HashiCorp (July 2025)
- Certified SAFe® 4 Practitioner – Scaled Agile Framework (October 2018)
- Recognition Award, Deutsche Bank – Awarded for outstanding contributions to strategic reporting architecture (November 2019)
- SPOT Excellence Award, Deutsche Bank – Recognized for critical delivery on P&L platform automation (July 2018)