

Manoj Kumar Pathak

- *GCP certified professional cloud architect* with 14+ years of professional experience in designing and developing web and enterprise applications.
- Expertise in Java, Spring, Spring Security, and SpringBoot
- Hands on experience in Microservices, API Gateway, Docker, Kubernetes, SolrCloud, ActiveMQ, Oracle, MongoDB, and Cloud Computing (AWS/GCP)
- Beginner in Python, Kafka and Spark.
- Experience working in fast paced Startups and Large orgs

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EXPERIENCE

Mastercard Technology, Pune — *Lead SDE (May 2020 - Present)*

- Responsible for managing payment authentication systems that ensure safety and security of smart eCommerce and mobile payment transactions Globally.
- Setup new infrastructure in India region to deploy Securecode app with minimal code changes using Lift and Shift approach.
- Migrating existing legacy applications from JBoss to Tomcat and decomposing it into a small microservice using SpringBoot component for cloud readiness and deployed few component to PCF.
- Migrated existing app from XML Gateway to API Gateway.
- Improved existing app performance by reducing DB calls and scale it to 1000 TPS by adding new servers.
- Mentoring junior developers, performing code reviews and involved in architecture design decisions.

Cloudreach Technology, Pune — *Technical Lead (March 2018 - May-2020)*

- Architected, designed and implemented 'Agent Manager', 'Agent DataCollector' and 'Data ingestor' individually and helped build and integrate various small components like survey, validate and customer onboarding with the team for Cloudamize platform.
- Containerizing microservices using Docker & Kubernetes, APIGW and setting up CI/CD using Codeship.
- Worked on Data processing to perform basic analytics using S3 Streaming API and Panda.
- Mentor junior developers, performing code reviews and involved in architecture design decisions.

TIAA GBS, Pune — *Senior Associate (July 2017 - March 2018)*

- Migrated Java applications codebase from RTC to Gitlab.
- Integrated Transmit Security with TIAA UserSecurity app using Mulesoft api integration.
- Building teams - Starting from interviews to ramping up activities.
- Monitoring and debugging the production server using Splunk and FIS to help the production support team.



SKILLS

Java/JEE	★★★★☆
Spring	★★★★☆
Security	★★★☆☆
Microservice	★★★☆☆
AWS/GCP	★★★☆☆
Docker	★★★☆☆
Kubernetes	★★★☆☆

Achievements

- **Star Performer** award in Dassault System
- **Pinnacle Team** award
- Qualified **GATE** exam with AIR 1500

LANGUAGES

English and Hindi

HOBBIES

Trekking, Traveling, and Chess

Synerzip Softech (Mercatus), Pune — Technical Lead
(November 2013 - July 2017)

- Played a major role in building Mercatus SAAS Platform by architecting, designing, and implementing key modules.
- Improved dashboard loading time by **10x** using *SolrCloud* for document index.
- Integrated third party applications like HP-PPM, WorkFront, Zendesk, Dropbox, Box, and S3 using Rest-APIs from Mercatus platform.
- Implemented Sing Sign On(SSO) using *Spring Saml* and *ADFS*.
- Design and develop microservices by splitting legacy monolith apps.
- Developed asynchronous application for heavy data processing in background and communicating using ActiveMQ.
- Introduced NoSql (MongoDB) database to store time series data and return aggregated data in 8ms from collection containing 10M records.
- Helped the devops team to build and deploy these services on AWS cloud.

Sears Holdings, Pune — Senior Technical Associate (December 2012 - November 2013)

Developed CSO(Customer Specific Offer) engine to generate offers based on purchase history using IBM Unica campaign and integrated it with EJB system using JBoss MQ

Dassault System, Pune — Senior Software Engineer (January 2010 - November 2012)

I was a part of the R & D team and responsible for designing and developing new features for the 3D experience of the Enovia product and integrating with Designer Central PLM.

Aptara Corp, Pune — Programmer (February 2008 - January 2010)

Developed many online eLearning courses for KPMG and ACS-Delta.

EDUCATION

CDAC-ACTS, Pune - Diploma in Advance Computing

August 2008 - February 2009

B.S.A.C.E.T, Mathura — B.Tech (Computer Science)

July 2003 - June 2007

CERTIFICATIONS

- **GCP** certified Professional Cloud Architect
- **Splunk** Certified Power User
- **Mulesoft** certified developer integration and API
- **M101J** MongoDB for Java developer from MongoDB University with 95% score.
- ***CSM** Certified Scrum Master from Scrum Alliance with 96% score.
- **OCJP** Oracle Certified Professional Java SE 6 Programmer passed with a 95% score.