

Arun Kumar Mohapatra

Technical Architect/Technical Manager

Technology Specialist with over 18 years of experience in product development, consulting and R & D roles working with on a broad spectrum of projects involving Server-Side, Microservices based applications, Distributed Systems, and Cloud Technologies.

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Hyderabad, India

Profile Summary

- An Enterprise Architect with strong background of Product Development
- Designed Cloud native high throughput and scalable application
- Managed Continuous Deployment (CD) platform operations, driving cloud adoption, deployment design, and monitoring for scalable delivery.
- Manage team performance and work towards individual development plan goal setting and ensure to build and sustain high performance team culture
- Work closely with all stake holders to develop best technical design and instill engineering best practices for software development

Core Competencies

- ✓ Product Roadmap & development
- ✓ Strategic Planning
- ✓ Application Architecture Design
- ✓ Project Management
- ✓ Solution Optimization
- ✓ Requirement Gathering
- ✓ System Integration
- ✓ Team Building and Leadership

TECHNICAL SKILLS

Languages

Java, C/C++, Python, Golang, Shell Scripting, ABL, ABAP

Cloud/Containers

Kubernetes, Docker, Amazon AWS, Cloud Foundry, Kafka, Microservices, Openshift, AWS, PCF (Pivotal Cloud Foundry)

Database

Oracle, Postgres, MySQL, MongoDB, OpenEdge Database, OrientDB, SQL Server 2000, Cassandra

Tools

Spinnaker, Harness, OpenSSL, Elastic-Search, Git, Maven, Gradle, IntelliJ, Swagger, JVisualVM, Grafana, Jenkins, Sonar, Jacoco, TDriver, IBM clearcase and CQ, drools, quartz scheduler

Framework

J2EE, Spring Boot, Camel, Kafka, ApacheMQ, JDBC, JMS, REST/SOAP

CERTIFICATES

- AWS Certified Solutions Architect – Associate
- Certified Kubernetes Application Developer (CKAD)

WORK EXPERIENCE

Principal Software Engineer (Executive Director) JPMorgan Chase & Co| Hyderabad.

01/2025 – Present

Hyderabad, India

Sr. Lead Software Engineer (Vice President) JPMorgan Chase & Co| Hyderabad.

12/2018 – 12/2024

Hyderabad, India

Cloud Deployments: Spearheaded Continuous Delivery architecture, guiding application teams in deploying applications seamlessly to both public and private clouds. Specialized in cloud deployment automation, utilizing tools such as Spinnaker and Harness to streamline and optimize deployment pipelines.

Acted as a strategic advisor, collaborating with cross-functional teams to ensure scalable, secure, and compliant delivery practices across the enterprise. Enhanced operational efficiency by implementing robust CI/CD practices, minimizing deployment time, and reducing downtime.

AIM Modernization: Designed and implemented a scalable microservices-based solution specifically for the Mainframe platform, transforming the monolithic AIM application into Java-based microservices. Built with multithreading to support thousands of concurrent deployments, the solution integrated seamlessly with JPMC controls, ensuring compliance, reliability, and high performance..

Tech Stack: Java, Spring, Spring Boot, Microservices, Terraform, AWS (EC2, EKS, ECS, S3), Kubernetes, Helm, Kustomization.

ORGANIZATIONS

JPMorgan Chase. (12/2018 – Present)
Technical Architect

Progress Software Corporation. (04/2011 – 09/2018)
Principal Software Engineer

Exfo Electro Optical Engineering India Pvt Ltd (01/2005 – 03/2011)
Software Engineer

Principal Software Engineer

Progress Software Corporation | Hyderabad

04/2011 – 09/2018

Hyderabad, India

OpenEdge PAS (The product enables deployment and management of high-performance, scalable enterprise applications within a multi-tier architecture).

- Lead design and implementation of new OpenEdge Application Server features, ensuring scalability, reliability, and high performance.
- Ensure protocol compliance with REST and SOAP standards for seamless integration across services.
- Enhance security stack by identifying vulnerabilities and implementing secure practices (encryption, authentication).
- Develop scalable solutions to handle increased load, optimizing for performance and availability.
- Collaborate with cross-functional teams and mentor junior engineers in best practices.
- Drive continuous improvement using tools and frameworks for efficient development and deployment.

Tech Stack: Java, Spring Boot, OpenSSL, Multithreading, REST/SOAP, Spring Security

Sr. Software Engineer

Exfo Electric Optical Engineering Pvt Ltd

01/2005 – 03/2011

Bhubaneswar, India

- Optimized load generation techniques to support increased traffic without compromising performance.
- Resolved performance bottlenecks through code optimization and system configuration enhancements.
- Developed scalable solutions, increasing system capacity by over 30%.
- Created automated load testing scripts to streamline testing and ensure consistent performance.
- Collaborated with Product, QA, and Infrastructure teams to meet performance and scalability goals.

Tech Stack: C/C++. TCP

EDUCATION

MTech (in AI/ML)

Birla Institute of Technology and
Science (BITS)
11/2003 – Continue Hyderabad

EDUCATION

Master of Computer Application (MCA)

Veer Surendra Sai University of
Technology (Under BPUT), Odisha
06/2001 – 10/2004 Raipur