



# Arun Kumar

Application Architect and Full Stack Developer



## Professional Summary

- Full Stack Developer with 13+ years of experience architecting and delivering enterprise-grade monolithic and microservices applications using Spring Boot, Spring Cloud, and Angular.
- Currently architecting an AI Platform featuring unified LLM access, custom model fine-tuning, MCP server integration, RAG pipelines, and multi-surface deployment across IDE plugins and chat interfaces.
- Brings 3+ years of OCI-native API development experience spanning architecture design, CLI/SDK/Terraform integration, API documentation for Stack Monitoring feature under ONM Services.
- Proven in leading end-to-end delivery — microservices architecture setup, monolith-to-microservices migration, UI architecture, logging, auditing, and full team handover with documentation.
- Adept at writing secure, vulnerability-free code with complete ownership across development, testing, deployment, and production stabilization.



## Work experience

Present  
↑  
Oct 2021

### PETS ( Oracle, Hyderabad, India)

*Application Architect & Full Stack Developer*

- (AI Platform) – Currently designed and developing an AI Platform built on Spring Boot that provides unified access to default LLMs alongside support for fine-tuning custom models. The platform allow to integrate with multiple MCP servers, supports RAG pipelines, and offers granular control over tool usage — allowing users to restrict LLM tool access exclusively to MCP-sourced tools, register custom non-MCP tools, and configure audit functions to trace and monitor tool execution flows. The platform is designed for multi-surface deployment, enabling the custom model to power diverse interfaces including IDE coding plugins and a dedicated chat interface.
- (OCI-Native Services) – Designed and architected OCI-native services features "Monitoring Templates", "Event Service", "Metric Extension", and "ResourceType Extensibility" under Stack Monitoring(ONM).

Jul 2021  
↑  
Mar 2017

### Dev III ( RealPage India Private Ltd, Hyderabad, India )

*Application Architect & Full Stack Developer*

- ( AIRM Dashboard ) – Added new microservices from scratch for AIRM Dashboard and build UI in Angular.
- ( Notification System ) Added new microservices from scratch with Postgres.
- ( Propertyware Application ) – Migrated monolithic to microservice architecture for Contact, MoneyIn and Money-Out Modules and added ELK Stack, JWT authorization.



## Contact



**Email**  
arun30687@gmail.com



**Phone**  
+919901036930

**LinkedIn**  
linkedin.com/in/arun-kumar



**Website**  
www.arunsharma.co.in



## Skills

### Language / Backend

Java 8/17/21, Python, GoLang, Spring Boot, Spring Cloud, Dropwizard, Spring AI, Spring JPA

### AI / ML

LLM, RAG, MCP, Langchain4j, Spring AI, Agentic AI

### Frontend

Oracle JET, Angular, TypeScript, REST APIs, Swagger 3.0, HA-TEOAS

### Database

Oracle, Postgres, MySQL, PL/SQL

### Cloud / Infrastructure

OCI, AWS

### Architecture

Microservices, DevOps

### CI/CD & Code Quality

Shepherd (Oracle), TeamCity, Jenkins, JUnit, SonarQube, Fortify

### Version Control & Project Mgmt

Git, JIRA, Rally

### Methodology

Agile, SAFe

### Observability & Monitoring

ELK Stack, Log4J, Monitoring



## Awards/Recognition

- 🏆 **CodeAssist Session** — Oracle, 2025
- ★ **Spot Award** — Oracle, 2022
- ★ **Star of the Month** — RealPage, 2021
- </> **Top Coder Award** — RealPage, 2021
- 🌟 **Best Recognition** — RealPage, 2020
- ★ **Star of the Month** — RealPage, 2019
- 👍 **Best Performance (x3)** — RealPage
- 👥 **Best Team Award** — RealPage, 2017

Feb 2017  
↑  
Sep 2015

## SSE ( ValueLabs Private Ltd, Hyderabad, India )

### Full Stack Developer

- (Enhanced Modules - Enrollment, Carrier, HR and Member) – Designed and developed UI screens using Struts-1, preparing detailed Technical Design Documents (TDD) and Flow Diagrams to guide implementation.
- Implemented core business logic with comprehensive unit test coverage using PowerMock and JUnit, ensuring code reliability and maintainability.
- Followed Agile methodology throughout the delivery life-cycle, actively contributing to sprint planning, team meetings, and business requirements gathering sessions.

Aug 2015  
↑  
Jun 2014

## SE ( SourceOne Management Service Private Ltd, Bangalore, India )

### Full Stack Developer

- (Job Module) – Designed and developed a Liferay portlet for job search, implementing web crawlers using Jsoup to aggregate job listings from multiple external sites and consuming RESTful services to dump structured data into Hive. Integrated Apache Solr with Hive to enable fast and accurate Job Description (JD) search functionality.
- (Resume Parser) – Engineered a resume parsing engine using regular expressions to extract and structure key resume attributes, leveraging Java File I/O with multi-threading to optimize processing performance. Designed and developed a JavaFX-based UI interface enabling keyword-driven search and retrieval of student details.

Jun 2014  
↑  
Nov 2011

## ASE – ( HCL Infosystem Private Ltd, Noida, India )

### Full Stack Developer

- ( CRM ) – Developed and optimized database functions and stored procedures, implementing core business logic and comprehensive unit test cases. Translated business requirements into UI mockups and production-ready implementations through active participation in cross-functional team meetings and requirement sessions.



## Education

2010  
↑  
2006

### B-Tech in Computer Science

#### DCE, Greater Noida

64% – Specialized in software engineering and database systems.

- 🏆 **Best Team** — ValueLabs, 2016
- 🏆 **Best Engineer** — SourceOne, 2014



## Languages

English Fluent

Hindi Fluent



## Personal Details

### Hobbies

- ♥ Listening music, Writing Blogs and solving Sudoku

### Father Name

Late Dr. M. K. Sharma

### Strengths

- 👍 Strong communication and presentation skills, a collaborative team player, and a creative thinker.

### PAN

BOAPK5174G

### Passport No.

- ✈ Z6190641 – Valid till 16/08/2031