

# AAFIA IRFAN BEG

Lucknow, Uttar Pradesh | alafiairfan123@gmail.com | +91-8303049428 | [LinkedIn](#)

## SUMMARY

---

Software Developer with 4+ years of experience in Java 8+, Spring Boot, microservices architecture, and Spring AI. Skilled in RESTful APIs, Spring Security, AWS EC2/EKS, and MySQL. Proficient in Git, Jira, and Maven, with strong competencies in coding, debugging, and project execution. Experienced in using IDEs like Eclipse and IntelliJ for efficient software development.

## SKILLS

---

- Technical Skills: Core Java, Java 8+, Spring Boot 3, Spring ORM, Spring Security, Spring AI, Ollama, JWT, RESTful APIs, Microservices, Kafka, Git, MySQL, Jira, Jenkins, Maven, AWS (EKS, ECR, EC2), Basic Angular.
- IDE & Tools: Eclipse, IntelliJ, VS Code, Postman, SwaggerAPI.
- Core Competencies: Coding & Debugging, Design & Development, Project Execution, Process Enhancement, Bug & Defect Analysis, Product Management.

## EXPERIENCE

---

### Apv Technologies | Technical Consultant

June 2022 – Present

**Technologies Used:** Java 17, Spring Boot 3, JPA, GIT, Jenkin, Angular and Microservices.

Roles & Responsibilities:

- Developed robust web applications using Java, Spring Boot, REST template, and Angular, focusing on application for log analysis and petrophysical modeling.
- Integrated AI-driven chatbots with Spring AI to deliver real-time data insights and predictive analysis, enhancing accessibility to petrophysical metrics.
- Built scalable microservices architecture with Spring Boot, enabling efficient handling of large datasets.
- Utilized Kubernetes for container orchestration, ensuring seamless cloud deployment and scaling of applications.
- Enhanced performance and reliability through AWS services (ECR, EC2, EKS).
- Streamlined development with CI/CD practices in Jenkins, Docker, and Maven.
- Conducted code reviews to uphold high-quality standards and ensure application's performance.
- Provided comprehensive technical documentation and user guides for better user engagement and feature understanding.

### eSoft Technologies | Software Developer

July 2021- April 2022

**Project: U.P C.I. D Credit Co-Operative Society Ltd.**

**Objective:** Developed a system to manage recurring deposit (RD) and fixed deposit (FD) schemes, along with loan services for society members during their service tenure.

**Technologies Used:** Java 8, Spring boot, MySQL, GitHub, Postman, JIRA, Swagger API

Roles & Responsibilities:

- Spearheaded the development of dynamic web applications using Spring Boot and JSP technologies.
- Analyzed and modeled requirements gathered from the client to ensure accurate implementation.
- Wrote business logic in Java using the Spring Boot framework to implement key functionalities.
- Designed, maintained, and validated JSP pages for the user interface.
- Authored unit and integration test cases to ensure functionality and code robustness.
- Validated overall functionality in local and development servers, employing Postman for API testing.
- Managed version control and collaborative development using SVN.
- Utilized Jira (Atlassian) for project management and issue tracking.

### eSoft Technologies | Java Intern

Feb 2021- June 2021

**Project: Corona Virus Live Tracker Application:**

- Build and deploy end to end application using Spring Mvc, MySql , Html, Css & Javascript
- Mastery of Spring Core, Spring Boot and Mvc.

**Project: Restaurant Service Application:**

- Build and deploy end to end application using Spring Boot, Apache Kafka, Docker, Kubernetes, Jenkins, ArgoCD, Sonar, Junit, SQL-NOSQL & Cloud
- Mastery of Docker, Kubernetes, Microservices, Argo CD, and Jenkins with AWS.
- In-depth exploration of Microservices, Docker, Kubernetes, CI/CD, and Jenkins for end-to-end deployment.

## EDUCATION

---

**M.C.A | Integral University, Lucknow** 87.40%

2021

**B.C.A | Integral University, Lucknow** 85.19%

2019