

Asif Ahmed

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Summary — Senior Java Developer/Tech Lead with extensive experience in designing and delivering scalable enterprise applications, leveraging modern architectures and cloud technologies to drive performance and efficiency.

Skills

Cloud: Azure, AWS, GCP (Beginner), Robin
Languages: Java, Python, Bash, Javascript
OS: Linux, Unix, Windows

Tools: Docker, Kubernetes, Git, Jenkins, Ollama, Open ai
Frameworks: Springboot, React, LangChain, LangGraph, RAG

Experience

Opsmotor

June 2024 – Present
Bangalore, India

SENIOR SOFTWARE ENGINEER

Projects: Opsmotor

- Designed and implemented a **distributed system architecture** supporting **monolithic** and **microservices** deployments, forming the **baseline** for product development.
- Boosted system performance by **30%**, by migrating to **Kubernetes**, enabling acquisition of high-value clients like **Legal & General**.
- Developed cloud and image security scanners and cloud connectors for **comprehensive security and compliance**.
- Scaled the multi-tenant cloud security platform to support over **1,000 tenants** with **99.9% uptime**.
- Reduced **false positives** by **80%**, enhancing client satisfaction and operational efficiency.
- Optimized CI/CD pipelines with **Kubernetes tools**, cutting deployment times by **40%**.
- Developed a **supply chain feature** to manage **laptops and private cloud resources** across large tech enterprises by designing a **single point of control** within the platform.
- Developed **custom agents for system scanning and AI-driven capabilities**, enhancing automation and platform intelligence which provides resolutions using **Gen AI from knowledge base**.

HSC (Client: Rakuten)

July 2022 – May 2024
Bangalore, India

SOFTWARE ENGINEER

Projects: LMP, Petri, Incident AI

- **Architected** and led the development of **Incident AI**, a microservices-based product integrating SolarWinds and ServiceNow, cutting down ticket resolution time from **2 weeks to 1 day** for **Carnival Princess Cruise lines**.
- Implemented an **AI tool based on RAG (Retrieval-Augmented Generation)** to cluster similar tickets, drastically reducing resolution times using **OpenAi apis and DistilBert**.
- Provided **automated resolution suggestions** for recurring incidents, reducing manual triage effort and improving SLA compliance.
- Led a team of 8 to deliver the MVP for the **Test Automation Tool (Petri)**, achieving **100% sprint completion rates** and driving its adoption across **Rakuten Mobile's QA department**.
- Designed custom integrations with **Jira** and **Elastic Repository** for the **LMP project**, enhancing project tracking efficiency and increasing visibility across **5 major development teams**.
- Applied **ML and LLM technologies** to automate ticketing and resolution workflows, transforming operational efficiency for enterprise clients.

TCS

Jan 2021 – June 2022
Bangalore, India

JUNIOR SOFTWARE DEVELOPER

Projects: Enhanced Annuity Platform (EAP)

- Played a key role in the core and migration teams for project **EAP**, delivering a **13-year-old matured system** in a new **data-driven architecture**, making it highly configurable for client Legal & General.
- Developed and deployed applications in **Azure Cloud** using Java 11 (Spring and Azure Functions), while configuring Azure Function Apps and managing APIs with Terraform to streamline infrastructure and enable seamless integration.

Education

NSS College of Engineering, Palakkad, Kerala
GPA: 8.27

B-TECH IN CIVIL ENGINEERING
June 2016 – April 2020

Awards

Rising Star Award (HSC)	2024
<ul style="list-style-type: none">- Awarded the Rising Star Award in consecutive years (2023 and 2024) for Hughes Systique.- Recognized as the youngest developer to architect and produce a solution, securing a client after a successful demo.	
Star of the Month and Team Awards (TCS)	2022
<ul style="list-style-type: none">- Received Star of the Month (multiple times) and other team awards at TCS for elevated performance and delivery during critical times.- Recognized for outstanding contributions during high-pressure moments, receiving these awards on multiple occasions.	