SHAHGUL

SOFTWARE ENGINEER (INTEGRATIONS)

India

☐ (+91) 9569599765 | ✉ ansari.shahgul@gmail.com | ⊙ shahgul | in shahgul

Summary

Senior Software Engineer with over 6 years of experience specializing in architecting and deploying scalable, high-traffic SaaS solutions and APIs. Expert in cloud-native development using **AWS Serverless architecture (Lambda, SQS)**, **Java**, and **Groovy**. Proven ability to lead the end-to-end development of custom middleware and complex iPaaS workflows, consistently translating ambiguous enterprise requirements into robust, highly reliable, and customer-centric products.

Work Experience

Infobip   *Noida*

SOFTWARE ENGINEER(INTEGRATIONS)   *Dec 2021 - Present*

- **High-Scale Telemetry Pipeline:** Architected and led the development of analytics APIs for a major FMCG client, processing **100,000+ daily events**. Built the ingestion layer using Java and AWS (Lambda, SQS) to ensure zero data loss during traffic spikes.
- **High-Throughput Middleware:** Engineered a **low-latency integration middleware** handling **thousands of RPS**, enabling real-time WhatsApp messaging and improving customer engagement for enterprise clients.
- **Serverless Solution Design:** Designed a serverless file generation system (AWS Lambda/S3) that reduced latency for client reporting, ensuring high scalability without infrastructure overhead.
- **Complex Workflow Automation:** Developed API-driven workflows on **iPaaS** to replace manual data entry for enterprise clients, significantly improving operational efficiency and reducing integration onboarding time.
- **Strategic Partner Integration:** Led the technical integration of WhatsApp Product Catalogs with Shopify. Solved critical synchronization challenges (rate limits, data mapping) to enable real-time e-commerce capabilities for merchants.
- **Legacy System Modernization:** Deployed and optimized **mGate middleware** to bridge legacy on-premise SOAP systems with modern cloud APIs, managing traffic across SMS and Email channels for banking clients.
- **Client Solution Delivery:** Acted as the primary technical lead for key accounts, gathering ambiguous requirements and delivering custom chatbots and integration features that secured contract renewals.
- **End-to-end ownership**: Owned architecture decisions, production stability, and direct technical communication with enterprise clients for mission-critical integrations.

Tata Consultancy Services   *Pune*

SYSTEMS ENGINEER   *Jun 2019 - Dec 2021*

- **Document Processing Solutions:** Designed and deployed production-grade solutions for PDF splitting and dynamic document mailing, tailored to complex client business logic.
- **Process Automation:** Automated repetitive infrastructure tasks via **Groovy scripting** and internal APIs, reducing manual operational effort by **30+ hours/week**.
- **Configuration-Driven Security:** Implemented a dynamic Role-Based Access Control (RBAC) system driven by external configurations, allowing non-technical administrators to manage user permissions safely.
- **Technical POC Leadership:** Led Proof of Concept (POC) development for prospective clients, including requirement analysis, design documentation, and presentation of technical value to stakeholders.

Education

Galgotias College of Engineering & Technology   *Greater Noida*

B.TECH IN COMPUTER SCIENCE AND ENGINEERING   *Jul 2015 - May 2019*

- Runner-up in 'Capture the Flag' cybersecurity challenge.
- Led photography team

Achievements

Sept 2025	**BipShine**; Exemplified excellence through innovation and high-quality deliverables across key client projects.
Aug 2023	**Orange Star**; Implemented Shopify–WhatsApp integration for automated catalog sync and real-time order updates.
Oct 2022	**Orange Star**; Delivered scalable solution processing 10M+ daily SMS and Email traffic for a BFSI client.
Apr 2022	**BipStar Innovation**; Built resilient payment and booking recovery in healthcare WhatsApp bot for improved reliability.
Nov 2019	**On the Spot Award**; Developed POC to auto-split and process multiple PDFs based on client-specific logic.

Skills

Backend & Cloud	Java, Groovy, JavaScript, AWS (Lambda, SQS, API Gateway, RDS, DynamoDB), Serverless, SQL, NoSQL
Integration	REST, Webhooks, iPaaS, Event-driven Architecture, JSON, XML, OAuth, Whatsapp Business API, Shopify
Tooling	Docker, Maven, Postman, Swagger/OpenAPI
Soft Skills	Code Review, Technical Mentoring, Cross-functional Team Leadership, Requirements Analysis