

# Nitish Kumar

📍 Hyderabad    ✉ nitishkumarbtechcs@gmail.com    ☎ +91-78887-03069    in nitishnitj

## About me

---

Passionate about backend engineering and scalable software development, leveraging **Java, Spring Boot, and cloud technologies** to build high-performance systems. Driven by a passion for building impactful solutions, I actively explore and leverage AI tools to enhance productivity, creativity, and efficiency in problem-solving.

## Experience

---

### Senior Software Engineer

*Arcesium India Pvt Ltd*

*Hyderabad, IND*

*Nov 2021 - Present*

- Delivered scalable backend APIs and performance-critical features for major hedge fund clients, **implemented pagination for APIs handling 500k+ records**, validation frameworks, and real-time dashboards.
- Managed OPS roles across 5+ production cycles, resolved 100+ high-priority tickets, and ensured **minimal SLA breaches** or incidents.
- Acted as a mentor and code reviewer; led tech documentation initiatives and cross-functional collaborations with PMG and Aqua teams.

### Software Engineer

*InfoEdge India Limited*

*Noida, IND*

*Aug 2020 - Oct 2021*

- **Revamped the property posting workflow**, resulting in a 25% increase in form completion rates and significantly smoother user journeys.
- Built and maintained modular React Native components for consistent functionality across iOS and Android.
- **Integrated MapMyIndia SDK** to enhance user context with precise locality data for property listings.

## Projects

---

### Migration from ActiveMQ to AWS SQS

- **Migrated messaging infrastructure from ActiveMQ to AWS SQS**, improving resiliency and scalability across services with **zero downtime**.
- Added monitoring, fallbacks, and runbooks.

### Pagination and Performance Enhancements in SFS APIs

- **Implemented pagination in high-volume APIs, eliminating bottlenecks and preventing DB overflows**
- Reduced API response times by 40–60%, prevented DB overflows

### Debt Option Terms Persistence Optimization

- Re-architected Debt Option Terms persistence with indexing and optimized updates, **enabling processing of 50k records in 10s**.
- Enhanced pod stability; led load testing and documented migration strategy.

## Education

---

**DR B R Ambedkar National Institute of Technology, Jalandhar**

*Jun 2016 – May 2020*

*B.Tech in Computer Science & Engineering*

- CGPA: 8.4/10.0 ([certificate](#) [🔗](#))

## Technologies

---

**Backend & Frontend:** Java, Spring Boot, Struts, JavaScript, React, JSP

**Infrastructure & Tools:** SQL, GraphQL, ActiveMQ, SQS, AWS, Kubernetes, Docker