Nitish Kumar

Passionate about backend engineering and scalable software development, leveraging Java, Spring Boot, and cloud technologies to build high-performance systems.

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EXPERIENCE

Arcesium India Pvt Ltd — Senior Software Engineer
November 2021 - Present
- Full-stack development with a primary focus on **Java, Spring Boot, and Python**.
- Optimized system performance by reducing persistence time by 40%, improving scalability and database efficiency.
- Led the migration of ActiveMQ to AWS SQS & SNS, reducing message delivery cost by 30% and improving delivery reliability.

InfoEdge India Limited — Software Engineer
August 2020 - October 2021
- Developed and maintained **iOS & React Native applications** for **99Acres.com**.
- Spearheaded the complete revamp of the Property Posting Form, leading to a 25% increase in form completion rates.
- Implemented a multi-step form design with dynamic field validation, reducing form submission time by 40%.

IMPORTANT PROJECTS

ActiveMQ to AWS SQS Migration — *Arcesium, India*
- A time critical project for the organization was taken with full responsibility and completed on time.
- Implemented fault-tolerant retry mechanisms, ensuring 99.9% message delivery consistency across distributed systems.
- Worked with SNS SQS creations and managed S3 for messages.

Pagination for Scalable APIs - *Arcesium, India*
- Engineered a pagination mechanism for large-scale API responses, optimizing performance for queries fetching millions of records.
- Designed a cursor-based pagination strategy, reducing database load by 50% and improving request throughput.

Property Posting Form Revamp — *99Acres, InfoEdge, India*
- Implemented dynamic form field rendering, reducing average form submission time from 5+ minutes to under 3 minutes.
- The form revamp led to a 25% increase in user completion rates.

EDUCATION

DR B R Ambedkar National Institute of Technology, Jalandhar
B.Tech — **May 2020**
Computer Science & Engineering CGPA 8.40/10.00

LANGUAGES/SKILLS

Backend - Java, Spring Boot, Struts
Frontend - Javascript, React, JSP
Query Languages - SQL, GraphQL
Messaging Queues - ActiveMQ, SQS
Cloud & DevOps - AWS, Kubernetes, Docker

NOTABLE DETAILS

- **Project paper** accepted for presentation, demonstration at **15 th ICDCIT conference's Project innovation Contest.**
- Leader of the Grand Finale of **Smart India Hackathon 2018** team.
- Head of **Entrepreneurship Cell NITJ.**
- Organized **coding and open-source** introduction workshops for junior students.

IMPORTANT LINKS

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Govt Sen Sec School, Ludhiana, Punjab
XII, April 2016