

Raj Jain

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Backend Developer with 5+ years of experience specializing in **Java, Spring Boot, Microservices, and AWS**. Proven expertise in **scalable API development, payment integrations, rate limiting, and messaging systems**. Optimized high-traffic systems handling **10M+ daily requests** and improved transaction efficiency by **50%**. Focused on **automation and system performance optimization**.

WORK EXPERIENCE

WALKOVER Technologies | MSG91
Senior Software Developer

Indore, India
Sep 2020 – present

Core Contributions:

- **Developed scalable APIs** for microservices and payments, enhancing **transaction speed by 50%** and **system stability by 30%**.
- **OTP Widget**: Built a **multi-channel OTP authentication system** that improved **security and reliability**, reducing bot attacks by **60%**.
- **Architected and implemented** an advanced **rate limiting solution** utilizing **Token-IP methodology**, which optimized server resource allocation; **reduced server overload incidents by 40%**, enhancing user experience during high-demand periods.
- **Segmento - Customer Segmentation & Automation**: Engineered a **campaign automation system**, enabling targeted outreach, increasing **conversion rates by 50%**, and improving **customer engagement**.
- **Enhanced MSG91 messaging services**, scaling to **10M+ daily requests** while **reducing response time by 75%**.
- **Integrated automatic payments**, reducing **failed transactions by 40%** and enhancing security with **digital KYC verification**.
- **Optimized RabbitMQ consumers and cron jobs** increasing **task automation efficiency by 35%**.
- **Designed a user access control module** used across **7 departments**, ensuring **data integrity and security compliance**.
- **Architected a proxy service**, decreasing **downtime by 20%** and improving **client data privacy**.
- **Implemented real-time monitoring** for **API performance tracking**, reducing response anomalies by **40%**.
- **Developed a message queuing system** for **high-volume transactions**, ensuring **99.9% uptime** and improving message throughput.
- **Conducted database optimizations**, reducing **query execution time by 60%** and improving **data retrieval speed**.
- **Collaborated with cross-functional teams**, delivering **feature enhancements** that led to a **15% boost in customer retention**.
- **Led knowledge-sharing sessions** to improve team adoption of best practices in **system design and performance optimization**.

EDUCATION

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & EXCELLENCE
Bachelor of Engineering in Computer Science Engineering

Bhopal, India
Jul 2017 - Jul 2021

SKILLS

Languages: Java, Php, Python
Databases: MySQL, MongoDB
Technologies: Spring Boot, Laravel, Git, RabbitMQ, Linux, Rest, AWS, Datadog
Other Skills: System Design, Data Structures & Algorithms

CERTIFICATIONS & TRAINING

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|----------------------------------|----------------|-----------------------------|
| • Programming in Java | IIT, Kharagpur | Certificate |
| • Git | DataCamp | Certificate |
| • Algorithmic Toolbox | Coursera | Certificate |
| • Relational Database and SQL | Coursera | Certificate |
| • Crash Course on Python | Coursera | Certificate |
| • Programming & DSA Using Python | IIT, Madras | Certificate |