

Raj Jain

Indore, India | +91 8005727390 | onefineday0105@gmail.com

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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.
- Segments - 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 |