Ashutosh Kumar Gupta

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Professional Summary

Experienced Senior Software Engineer with over 8 years in designing and developing scalable backend systems. Skilled in Java, Spring Boot, Kafka, and distributed systems with a strong focus on performance optimization, security, and CI/CD practices. Proven ability to lead projects end-to-end, drive cross-functional improvements, optimizing processes, and enhancing team productivity.

Work Experience

Walmart — Senior Software Engineer

Bangalore | Nov 2024 – Present

Software Engineer III | Oct 2021 – Oct 2024

- Worked on Incentive, Driver Suggestion, and Supply Demand systems
- Led the **Popular Busy Hours** feature using ML, Kafka, and Elasticsearch to boost driver engagement.
- Reduced driver drop rates by **83%** through intelligent Block Offer systems.
- Upgraded tech stack (Spring Boot 2.2.x → 2.7.x, Java 8 → 17) enhancing **security** and **performance**.
- Resolved batching deadlocks and eliminated manual reconciliation errors
- Migrated MsSQL to Azure DB with zero downtime
- Resolved major CVEs including Log4J (CVE-2021-45105)
- Integrated **Qodo** for faster PR reviews and smoother developer collaboration.
- Tech Stack: Java, Spring Boot, Kafka, MySQL, Azure DB, Elasticsearch, Microservices, GitHub Copilot, Qodo, AI tools

Housing.com — Senior Software Development Engineer

Gurugram | Nov 2019 – Oct 2021

- Led development of Owner Monetization and Referral systems
- Built rate limiter wrapper for widespread use across services
- Reduced error rates and improved background job efficiency
- Secured systems via internal hackathon findings
- Integrated Razorpay in payment services

- Tech Stack: Java, Ruby on Rails, MongoDB, PostgreSQL, RabbitMQ, Microservices

Lenskart.com — Software Development Engineer

Gurugram | Aug 2019 – Nov 2019

- Introduced retry mechanisms improving system performance by 70%
- Eliminated daily manual efforts via automation
- Tech Stack: Java, Spring Boot, MongoDB, MySQL, Kafka

Sprinklr — Software Engineer

Gurugram | May 2017 – Aug 2019

- Developed Asset Manager for inter-platform operations
- Optimized DB connections and improved API response time (5 min → <30 sec)
- Introduced Lombok to streamline development
- Tech Stack: Java, Spring, Spring Boot, MySQL, MongoDB, ElasticSearch, Jenkins

Internship

Muto Technologies — Software Development Intern

Summer 2016

- Built a CI server and push notification service
- GitHub Repository: https://github.com/mutohq\
- Tech Stack: Go, Python, PostgreSQL

Education

B.Tech, Computer Science & Engineering

National Institute of Technology (NIT), Hamirpur | 2013 – 2017 | CGPA: 8.21/10

XII – Anugrah Narayan College, Patna | 2012 | 75.8%

X – High School, Itarhi, Buxar | 2010 | 88%