

# ASHUTOSH KUMAR PAL

Java Backend Developer | Microservices | Spring Boot | AWS

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## PROFESSIONAL SUMMARY

Results-driven Java Backend Developer with 2+ years of production experience at Paytm, building high-traffic microservices for millions of users. Proficient in Spring Boot, AWS, Kafka, Redis, and System Design. Seeking to architect scalable, fault-tolerant distributed systems in a growth-driven engineering team.

## TECHNICAL SKILLS

<b>Languages</b>	Java 8+, C++, JavaScript, SQL
<b>Frameworks</b>	Spring Boot, Spring MVC, Spring Security, Spring Data JPA, React.js
<b>Cloud &amp; DevOps</b>	AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, Jenkins, CI/CD, GitLab
<b>Databases</b>	MySQL, MongoDB, Redis, PostgreSQL
<b>Messaging &amp; APM</b>	Apache Kafka, ELK Stack, Grafana, Prometheus
<b>Core Concepts</b>	Microservices, REST APIs, System Design, DSA, Load Balancing, High Availability

## PROFESSIONAL EXPERIENCE

- Software Developer** | **Paytm** | Noida, India • Full-time Sep 2024 – Present
- Designed gamification features (Spin the Wheel, Scratch Card, Lucky Draw) for millions of users; multithreaded scheduler boosted scalability by 40% and reduced latency by 60%.
  - Built secure redemption system for 10K+ concurrent users with 99.9% data integrity across 1M+ daily transactions using DB locking and Redis-backed queues.
  - Architected encrypted PDF upload service (1,000+ daily transfers, zero security incidents) and led Ooredoo Maldives Super App module for 500K+ users with 99.5% uptime.
  - Built Panama Project coupon redemption API with DB locking, scheduler-based point allocation, and synchronized queue for high-concurrency fault-tolerant reward delivery.
- Java Backend Developer Intern** | **BigOh Tech** | Noida, India May 2024 – Aug 2024
- Led migration of 500K+ records for Rajasthan Tourism App (Flyway, zero downtime); validated Emirates' FlyDocs pipeline ensuring 100% error-free data transfer.
  - Resolved 15+ critical defects in Botshot platform reducing bugs by 60%; improved API response time by 25% via microservices and caching optimization.
- Java Backend Trainee** | **NEC Corporation India** | Noida, India • Remote Oct 2023 – Jan 2024
- Delivered 3 optimized Spring Boot + MySQL applications with 80%+ unit-test coverage during an intensive hands-on training program.

## KEY PROJECTS

- Gamification Engine** — *Java, Spring Boot, Redis, Kafka, MySQL, AWS*
- High-concurrency reward engine for 1M+ daily users with sub-100ms response; scheduler cut manual ops by 80%.
- Secure Document Service** — *Java, Spring Boot, AES-256, AWS S3, MySQL*
- End-to-end encrypted PDF service with 1,000+ daily transfers, full audit-trail logging, zero security incidents.
- Portfolio Website** — *React.js, Netlify, JavaScript*
- Personal portfolio live at [spiffy-concha-b20d35.netlify.app](https://spiffy-concha-b20d35.netlify.app) showcasing projects, skills and experience.

## EDUCATION

**B.Tech in Computer Science & Engineering** CGPA: 8.5 / 10.0  
ABES Engineering College, Dr. A.P.J. Abdul Kalam Technical University 2020 – 2024

## ACHIEVEMENTS & CERTIFICATIONS

- 2nd Prize — Coding Contest TECH FEST 2024 (200+ participants) | Team Leadership Award — NFT Minting Project (Top 10).
- LeetCode 350+ problems solved | LinkedIn content creator sharing Java & system design insights with 14,000+ developers.
- Volunteer — Light de Literacy NGO: digital literacy education for underprivileged students.