

# Aman Sharma

## Software Developer

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🐙 github.com/aman103767 🔗 Aman's Portfolio

### PROFESSIONAL SUMMARY

Backend Developer with around **3 years** of experience in **Java, Spring Boot, and microservices**. Proven ability to design and optimize scalable systems, implement real-time data pipelines with **Kafka**, and build **RESTful APIs**. Skilled at **database performance tuning**, cloud deployment, and resilient architectures. Adept at collaborating with cross-functional teams to deliver high-quality, high-performance solutions.

### SKILLS

**Backend & APIs:** Java, Spring Boot, Hibernate, REST APIs, Microservices, Kafka, Auth0, API Integration, Distributed Systems

**Databases:** PostgreSQL, MySQL, MongoDB, SQL Performance Tuning, Query Optimization

**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, GitHub Actions, CI/CD Pipelines

**Frontend Basics:** Angular, TypeScript, JavaScript, HTML, CSS, Responsive UI Design

**Tools:** JMeter, Postman, Git, Maven, Agile/Scrum

### PROFESSIONAL EXPERIENCE

#### SDE-1, Salesken.ai

Oct 2024 – present | Bengaluru

- Refactored and tuned **SQL queries**, cutting execution time by **80%** through advanced partitioning and indexing strategies.
- Developed **Kafka-based messaging pipelines** to process ML outputs, automating QA scoring and improving conversation analysis accuracy by **25%**, handling **over 1 million conversations per day**.
- Integrated **AI-driven recommendation APIs** to prioritize follow-up deals and provide personalized next-best-action suggestions for the sales team.
- Executed **zero-downtime migrations**, safeguarding **99.9% data integrity** during critical platform upgrades.
- Enhanced analytics dashboards, reducing query latency by **40%** and accelerating business decision-making.
- Led **code reviews** and mentored junior engineers, enforcing best practices in **CI/CD, system design, and coding standards**.

#### SDE, Hostbooks Private Limited

Feb 2023 – Sep 2024 | Gurugram

- Engineered and maintained **RESTful APIs** for accounting apps, improving transaction efficiency by **25%**.
- Optimized **SQL queries** for financial/compliance reports, reducing generation time by **30%**.
- Implemented **RBAC** and multi-level approvals, strengthening enterprise **security and compliance**.
- Developed reusable **Angular components**, reducing feature delivery time by **20%**.
- Enhanced inventory management system with **real-time tracking**, improving accuracy by **15%**.
- Built **offline-first POS sync APIs**, ensuring seamless data sync with central systems.

### PROJECTS

#### BindGo, E-Commerce Platform (Full Stack Development) 🔗

- Designed **REST APIs** with **JWT authentication** and **RBAC** for secure access.
- Architected a scalable **database schema** for high-volume transactions and large catalogs.
- Built an Angular-based admin dashboard with CRUD operations and real-time analytics.
- Managed **AWS deployments (EC2, S3, RDS)** with **auto-scaling and monitoring**, optimizing resource usage and ensuring reliable operations.

### EDUCATION

#### Java Backend Development Program, Masai School (Full Time)

Jan 2022 – Dec 2022 | Bengaluru

Full-time intensive program (1000+ hours)

#### Higher Secondary Education, The Sharpage School

Apr 2020 – Jun 2021 | Gwalior

### CERTIFICATES

#### Java Backend Development 🔗

- Masai School

#### Problem Solving 🔗

- HackerRank

#### SQL (Advanced) 🔗

- HackerRank