

# Shobhit Katiyar

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## Professional Summary

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A passionate Java Developer with 3 years of experience in designing, developing, and managing cutting-edge technology applications. Proficient in Java, Spring Framework, Hibernate, RESTful APIs, and microservices architecture. Experienced in SQL schema design, query optimization, and managing database transactions. Skilled in implementing design patterns and adhering to SOLID principles to deliver scalable, maintainable, and efficient solutions. Demonstrated expertise across the Software Development Life Cycle (SDLC), with a strong focus on problem-solving, technical decision-making, and delivering high-quality results.

## Technical Skills

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- **Language :** Java 8+
- **Frameworks:** Spring Boot, Hibernate
- **Databases:** MySQL, Redis
- **Cloud & Tools:** AWS (EC2, S3), Kafka, Git, Maven, JUnit, Mockito
- **Frontend:** HTML, CSS, React (Basic)
- **Others:** RESTful APIs, Microservices, System Design, Unit Testing

## Professional Development

**Jan 2025 – Present**

- Took a deliberate career gap to upskill in system design, data structures and algorithms (DSA), and advanced Java, solving 400+ problems on Scaler and LeetCode to enhance technical expertise for senior Java Developer roles.
- Mastered advanced system design concepts, including designing scalable microservices architectures and optimizing distributed systems.

## Professional Experience

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### Backend Engineer

AJA Consulting Services LLP, Hyderabad

**Sep 2024 – Dec 2024**

- Developed and implemented RESTful APIs using Java and Spring Boot to manage inventory data effectively.
- Designed and optimized MySQL database schema and queries to ensure efficient storage and rapid data retrieval.
- Built and integrated APIs to enable seamless communication between front-end and backend systems.
- Deployed applications on AWS EC2 with S3 storage, ensuring high availability and robust security.
- Created comprehensive technical documentation, including API references and deployment guides, to enhance team collaboration and system maintenance.

### Software Engineer

Capgemini, Hyderabad

**Jan 2022 – Sep 2023**

- Designed and developed a robust backend using Java and Spring Boot, implementing RESTful APIs for order booking, tracking, and delivery updates.
- Created efficient database schema in MySQL to handle complex relationships between couriers, customers, and agents.

- Contributed to front-end development using React.js, ensuring seamless integration with backend services.
- Authored detailed technical documentation for APIs, work-flows, and deployment processes, enabling easier maintenance and scalability.

## **Freelance Backend Developer**

Remote

***Oct 2023 – Aug 2024***

- Designed and developed REST APIs for small business applications using Spring Boot and MySQL.
- Implemented Docker containers for consistent development and testing environments.
- Collaborated with client to define requirements and deliver solutions for 1,000+ users.

## **Projects**

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### **Movie Booking System**

- Developed a Movie Booking System using Java, Spring Boot, and microservices architecture to deliver scalable backend functionality.
- Integrated Redis caching, reducing API response times from 200ms to 30ms, enhancing application performance by 85%.
- Engineered an event-driven email service with Kafka, enabling real-time user notifications for booking confirmations.
- Designed and implemented RESTful APIs with Spring Boot, ensuring efficient data handling and seamless system integration.
- **Github** - [github.com/Shb1999/bookMyShow](https://github.com/Shb1999/bookMyShow)

## **Education**

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### **Punjab Technical University**

**2017-2021**

Bachelor of Technology in Computer Science

## **Achievements**

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- Received Star Performer Award at Capgemini for outstanding contributions and high-performance delivery.
- Winner of Google Dev-fest 2021 Web Development Quiz.