

# Saransh Kansal

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## EXPERIENCE

- PWC** Gurugram,India  
• *Full Stack Developer (Associate -2)* July 2025 - Present
  - **Delivering :** Scalable enterprise applications for global clients using Java, Spring Boot, Angular, Microservices, and cloud platforms (AWS), ensuring high performance and reliability.
  - **Collaborating in digital transformation:** projects within consulting domains, optimizing system efficiency and reducing deployment cycles by implementing CI/CD and DevOps practices.
- KGISL Technologies** Bangalore,India  
• *Software Engineer (Associate)* Apr 2025 - July 2025
  - **EdTech Learning Platform :** Working as a backend developer responsible for managing Backend APIs to serve online live streaming classes.
  - **Scalability and Performance Optimization:** Optimize API performance and scalability, ensuring that backend services can handle the dynamic nature of real-time online classes with minimal latency and downtime.
  - **Database Management and Integration:** Develop and integrate with relational and NoSQL databases (e.g. MySQL) to store user data, class content, attendance records, and other platform-related information.
- Cognizant Technology Solutions** Bangalore,India  
• *Programmer Analyst* Nov 2021 - May 2024
  - **Spearhead Java 8.0 :** Application development using Spring Boot, React and Spring Data JPA, achieving a 25% increase in system performances.
  - **Microservices Architecture Leadership:** Architected, deployed and managed microservices, leveraging Spring Cloud Technologies to enhance scalability and performance by 30%.
  - **Integrated CI/CD Pipeline:** Tool to automate deployment processes and ensure continuous integration, accelerating deployment frequency by 50%.
  - **Led performance:** Troubleshooting and security enhancements, reducing incident response time by 35% in production environment.

## PROJECTS

- Discover Financial Services– (Tokenization Feature of MasterCard)**
  - *Project Overview*
    - **Contributed to the development and implementation:** Tokenization feature for MasterCard, enhancing payment security by replacing sensitive card information with unique tokens.
    - **Developed and maintained:** Backend services for token generation, validation, and management using Spring Boot and Hibernate.
    - **Designed and implemented:** RESTful APIs for secure communication between the tokenization service and other payment processing components.
    - **Integrated security:** Protocols and encryption mechanisms to ensure data protection and compliance with PCI DSS standards.
    - **Technologies:** Java 8.0, Hibernate, Spring Security, Spring Boot, Microservices, Git, React, Dependency Injection and MySQL.
  - **EBay- (E-Commerce )**
    - *Project Overview*
      - **Developed a scalable and secure e-commerce:** Platform from scratch using Java, Spring Boot, and Hibernate.
      - **Implemented:** RESTful APIs for user authentication, product catalog management, and order processing.
      - **Integrated:** Elastic search for robust search functionality and Spring Security for user authentication and authorization.
      - **Utilized Docker:** For containerization and deployed the application on AWS for scalability and reliability.
      - **Technologies:** Java 8.0, JPA, RESTful APIs, MySQL, Spring Security, React, Docker, Jenkins and AWS.

## TECHNICAL SKILLS

- **Programming Languages:** Java 8.0, JavaScript, SQL, React
- **Frameworks:** Spring Boot, Spring MVC, Hibernate, Struts, Spring Security and Dependency Injection
- **Tools:** Gradle, Git, Docker, Kubernetes, Jenkins, JIRA, Eclipse, Kafka and CI/CD pipeline
- **Technology:** HTML5, CSS 3, RESTful APIs, SOAP and Microservices
- **DataBase:** MySQL and MongoDB
- **Cloud Platforms:** AWS, GCP (Google Cloud Platform)

## EDUCATION

- Kurukshetra University Kurukshetra** Kurukshetra,India  
• *Master of Business Administration* Aug 2021 - June 2023
- Kurukshetra University Kurukshetra** Kurukshetra,India  
• *Bachelor of Technology - Computer Science and Engineering* Aug 2017 - June 2021

## HONORS AND AWARDS

- Outstanding Performance Award in Discover Core Payments-February 2024
- Appreciated by leadership for consistently delivering high-quality solutions and exceeding performance expectations in critical payment modules.