

# Omkar Kulkarni

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## EDUCATION

- JSPMs Jayawantrao Sawant College of Engineering, Pune** Pune, MH, India  
*Bachelor of Engineering (B.E.) in Electronics and Telecommunication; CGPA: 7.84/10* Aug 2019 - Jul 2023  
*Relevant Coursework:* Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems

## TECHNICAL SKILLS

- Programming Languages:** Java, SQL, Python (Basic)
- Frameworks:** Spring Boot, Hibernate
- Developer Tools:** IntelliJ IDEA, Eclipse, VS Code, GitHub
- Core CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS

## EXPERIENCE

- Exposys Data Labs** Remote, India  
*Software Developer Intern* Apr 2023 - Jun 2023
  - Developed a backend application using Java and Spring Boot, integrating real-time translation APIs to enhance multilingual content delivery.
  - Designed and implemented scalable RESTful APIs, enabling seamless communication between backend services and improving overall system performance.
  - Collaborated with team members on code reviews, bug fixes, and version control using Git and IntelliJ IDEA, improving software quality and reliability.
  - Optimized backend architecture and data flow with MySQL, applying clean code practices to ensure efficiency.
- Zensar Technologies** Remote, India  
*Apprentice ESD Trainee* Sep 2021 - Dec 2021
  - Gained hands-on exposure to Java, SQL, and backend concepts, enhancing technical skills through real-world use cases and guided practice.
  - Participated in collaborative backend development tasks, contributing to the improvement of system logic, code structure, and software reliability under the guidance of experienced mentors.
  - Focused on strengthening core programming fundamentals, gaining exposure to enterprise software workflows, version control practices, and team-based development activities.

## PROJECTS

- Smart Event Coordinator** Java, Spring Boot, MySQL, REST APIs  
*A real-time event planning and attendee tracking system* Jun 2025
  - Developed a web-based platform using Java, Spring Boot, Spring Data JPA, and MySQL to streamline event management by automating the planning, scheduling, and coordination of events.
  - Built RSVP tracking and attendee management features to reduce manual efforts and improve accuracy, supporting the goal of efficient real-time participant coordination.
  - Integrated RESTful APIs and Spring Scheduler to automate event notifications and reminders, aiming to enhance communication and ensure timely updates for attendees.
- Novel Nest** Java, Spring Boot, MySQL, Maven  
*An e-commerce platform for book enthusiasts* Sep 2024
  - Structured and implemented an online bookstore using Java, Spring Boot, Maven, XML, JWT, and MySQL, with the objective of providing a seamless platform for browsing and purchasing books.
  - Executed secure user authentication with JWT to protect user data and facilitate reliable access control, aligning with the goal of building a trustworthy user experience.
  - Created a backend management system for administrators to handle book listings, inventory, and order processing, ensuring smooth operations and simplified stock control.

## CERTIFICATES

- Object-Oriented Programming with Java by Coursera:** Completed a structured course covering Java fundamentals, OOP concepts, class design, and inheritance with hands-on coding exercises.
- Java Programming by HackerRank:** Earned certification by solving algorithmic challenges and demonstrating core Java programming proficiency on the HackerRank platform.
- Google Cloud Big Data and Machine Learning Fundamentals by Coursera:** Gained foundational knowledge of big data and machine learning concepts using Google Cloud tools like BigQuery, Cloud ML Engine, and TensorFlow.
- Cloud Computing Basics (Cloud 101) by Coursera:** Completed foundational course covering cloud computing concepts, service models (IaaS, PaaS, SaaS), and deployment types with real-world use cases.