OMKAR ADSARE

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Education

JSPM's Rajarshi Shahu College of Engineering,Pune   **Aug. 2023 – July 2026**
Bachelor of Technology in Information Technology, CGPA: 9.01 / 10.00   *Pune, Maharastra*

Relevant Coursework

- Data Structures
- Java Development
- Object-Oriented
- Programming
- Database Management
- Machine Learning
- Artificial Intelligence
- Web Development
- Cybersecurity

Experience

Mindlabz Software Solutions Pvt.Ltd   **July 2022 – Sept. 2022**
Java Developer Intern   *Baner, Pune*

- Developed an interactive UI using Java Swing for an online furniture shopping application.
- Integrated MySQL database via JDBC for efficient management of products, orders, and customer data.
- Implemented key features like product search, filtering, and secure checkout to enhance user experience.
- Optimized database connectivity and performance using JDBC, ensuring smooth communication between the front-end and back-end.

Nexus Web Development Club,JSPM's RSCOE,Pune   **June 2024**
Member of Nexus Club   *Pune, Maharastra*

- Worked on web development projects using HTML, CSS, JavaScript, and MERN stack in a team setting.
- Participated in workshops and hackathons (including SIH) to sharpen technical and problem-solving skills.
- Collaborated within Nexus Club on projects, improving team coordination and development practices.

Projects

Spam Email Classification Using ML | *Python, Kaggle dataset, Logistic Regression, Jupyter Notebook*   **Nov. 2024**

- Implemented a Logistic Regression model in Python to classify emails as spam or non-spam using a Kaggle dataset.
- Preprocessed and cleaned email data, applying text feature extraction and NLP techniques to enhance model accuracy.
- Achieved 96 Percent accuracy in email classification, improving spam detection efficiency and optimizing the filtering process.

E-Commerce Website | *Node.js, MongoDB, and JWT Authentication,Express.js*   **December 2024**

- Developed a e-commerce platform with secure user authentication and seamless transaction management using Node.js, Express.js, and MongoDB.
- Implemented JWT authentication to ensure secure user sessions and transactions across the platform.
- Used Postman for testing and validating API endpoints, ensuring smooth and reliable backend functionality.

Vehicle Trading and Management System | *Object-Oriented Programming,C++, file handling*   **April 2022**

- Developed a Vehicle Trading and Management System in C++ using OOP, file handling, and nested switch statements for user interaction and transaction management.
- Enabled users to buy, sell, and manage vehicles with features like cart management, search, and billing.
- Implemented user input handling for vehicle type, details, and transaction processing, improving system efficiency.

Technical Skills

Languages: C/C++, Java, Python, SQL
Frontend Development: HTML, CSS, ReactJS
Backend Development: Java, Node.js, Express.js, JavaScript
Databases: MySQL, MongoDB, Oracle
Tools Frameworks: Visual Studio, IntelliJ IDEA, NetBeans, Postman (API Testing), Jupyter Notebook, Google Colab
Concepts: Computer Networking,Cybersecurity, Cloud Computing, Operating Systems, Machine Learning, Artificial Intelligence (AI),Software Development Life Cycle, System Design

Certifications / Achievements

Java Programming: NPTEL (Indian Institute of Technology, Kharagpur), [2024]
C++ Training: Spoken Tutorial Project, IIT Bombay, [2023]
Recognized for Contribution: Awarded goodies during internship and selected for Smart India Hackathon at college level, showcasing technical skills and innovation.