

# Omkar Mhamunkar

Software Developer | Full-Stack Development | Data-Driven Solutions | AI & Machine Learning Enthusiast

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Engineering undergraduate with expertise in full-stack web development, artificial intelligence (AI), machine learning (ML), and data analytics. Adept at building scalable applications, RESTful APIs, microservices architecture, and cloud computing solutions. Passionate about agile development, DevOps, and automation. Seeking an entry-level Software Developer role to apply problem-solving, analytical thinking, and coding skills.

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## TECHNICAL SKILLS

- ◆ Programming Languages: Python, Core Java, Javascript
  - ◆ Web Development: React.js, Node.js, Django, HTML/CSS, Bootstrap CSS, Spring Boot
  - ◆ Database Management: MySQL, PostgreSQL,
  - ◆ Cloud & DevOps: AWS (S3, EC2, Lambda), Docker, Kubernetes
  - ◆ Data Analytics & Machine Learning: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, NLP, Data Scrapping
  - ◆ Software Development Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA),
  - ◆ Version Control & Collaboration: Git, GitHub,
  - ◆ Soft Skills: Problem-solving, Analytical Thinking, Team Collaboration, Communication, Critical Thinking
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## PROJECTS

### 1. E-commerce Website (MERN Stack, Scalable Architecture)

- ◆ Technologies: React.js, Node.js, Express.js, MongoDB, JWT Authentication, AWS S3
- ✓ Built a high-performance, scalable e-commerce platform with user authentication and role-based access.
- ✓ Implemented RESTful API architecture for seamless data handling.
- ✓ This MERN stack e-commerce app provides a scalable, full-featured online shopping experience.
- ✓ Deployed using Docker containers and CI/CD pipelines for automation.

### 2.. Predicting House Prices (Machine Learning & Data Analytics, End-to-End ML Pipeline)

- ◆ Technologies: Python, Pandas, Matplotlib, Scikit-learn, Flask, Heroku
- ✓ Designed and implemented an end-to-end ML pipeline for real estate price prediction.
- ✓ Applied data preprocessing, feature engineering, and hyperparameter tuning for optimal model performance.
- ✓ Built an interactive web interface using Flask to enable real-time predictions.
- ✓ Deployed on Heroku for scalability and accessibility.

### 3. Sales Data Analysis (Big Data, Data Analytics, Business Intelligence)

- ◆ Technologies: Python, SQL, Seaborn, Matplotlib, Power BI,
  - ✓ Performed exploratory data analysis (EDA) on large datasets to extract business insights.
  - ✓ Created interactive dashboards (Power BI, Tableau) for data-driven decision-making.
  - ✓ Used statistical techniques, forecasting models, and regression analysis for sales trend predictions.
  - ✓ Automated ETL (Extract, Transform, Load) processes to streamline data handling.
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## EDUCATION

### 🎓 Bachelor of Engineering (B.E) - Computer Engineering

- ◆ Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology
- 2021 – 2025 | CGPA: 7.18

### 🎓 Higher Secondary (HSC) - Science

- ◆ J.M. Rath English School and Junior College
- 2020 – 2021 | Percentage: 90%

### 🎓 Secondary School Certificate (SSC)

- ◆ J.M. Rath English School
  - 2018 – 2019 | Percentage: 92%
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## CERTIFICATIONS & ACHIEVEMENTS

- ◆ Finalist, Smart India Hackathon 2023 – Developed an innovative solution for a real-world challenge.
- ◆ Participant, IDE Bootcamp (Ahmedabad) – Hands-on training in problem-solving, and gained knowledge about startups
- ◆ Mastering Full Stack Development : From Frontend to Backend (Udemy Certification)