



OMKAR ASHOK KARALE

B.E. - Computer Engineering

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BRIEF SUMMARY

I am a final-year Computer Engineering student with a solid base in Python and data analysis. I have passion for the exploitation of data-driven insights to enhance my data science skills for the solution of complex problems and the drive for innovation. I seek to leverage technical expertise and analytical ability for meaningful contributions toward impactful projects

KEY EXPERTISE

Python Data Analysis Data Science SQL java AWS

EDUCATION

Marathwada Mitra Mandal's Institute of Technology, Pune

2021 - 2025

B.E. - Computer Engineering | CGPA: 7.62 / 10

effort's junior college of science, Ahmednagar

2021

12th | MSBSHSE | Percentage: 83.50 / 100

New Beginnings International School

2019

10th | CBSE | Percentage: 83.40 / 100

INTERNSHIPS

N.E.A.T | Others

01 Apr, 2024 - 29 Jun, 2024

Google for developer

Key Skills: developer

Interns at Google benefit from the chance to attend talks by Googlers, learn coding practices, and participate in community-building activities. Programs are competitive, and successful candidates demonstrate both technical skills and a passion for technology .

SS&C blueprism | IT / Computers - Software

01 Jan, 2024 - 31 Mar, 2024

Data Analyst

Key Skills: Data Mining Data Cleaning Python Data Analysis

"Proficient in data analysis, Python programming, data mining, and data cleaning, with a strong ability to turn raw data into actionable insights. Skilled in using Python libraries like Pandas and NumPy for data manipulation and visualization, applying data mining techniques to discover trends and patterns, and ensuring data integrity through rigorous cleaning processes. These capabilities support data-driven

PROJECTS

Intelligent Inventory Optimization for Warehouse Management

27 Sep, 2024 - 13 Jan, 2025

Mentor: Dr. Monika Dangore | **Team Size:** 4

Key Skills: Haier, Warehouse Management, Artificial Intelligence, Machine Learning, Inventory Optimization, Fraud Prevention.

Developed an AI and ML-powered Warehouse Management System for Haier to optimize inventory, automate replenishment, and improve fraud prevention. Integrated IoT devices, predictive analytics, and models like MCTS and Neural Networks to forecast demand, monitor stock levels, and ensure the sourcing of genuine machine parts, reducing downtime and enhancing operational efficiency.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Intelligent Inventory Optimization for Warehouse Management

25 Nov, 2024

Omkar Ashok Karale | Mentor: Dr. Monika Dangore | No. of Authors: 4

Key Skills: Haier, Warehouse Management, Artificial Intelligence, Machine Learning, Inventory Optimization, Fraud Prevention.

Project:
Developed an AI and ML-powered Warehouse Management System for Haier to optimize inventory, automate replenishment, and improve fraud prevention. Integrated IoT devices, predictive analytics, and models like MCTS and Neural Networks to forecast demand, monitor stock levels, and ensure the sourcing of genuine machine parts, reducing downtime and enhancing operational efficiency.

ASSESSMENTS / CERTIFICATIONS

Web development

Key Skills: web development

Google developer

Key Skills: AI-ML

IMs

- Other - <http://linkedin.com/in/omkar-karale-21881a281>

PERSONAL DETAILS

Gender: Male
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