KATKAMWAR ONKAR NAMDEV
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MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

A third-year Computer Engineering student with strong expertise in Cloud Computing (AWS) and AI/ML. Passionate about leveraging cloud technologies and AI/ML for real-world applications. Actively enhancing problem-solving abilities through coding and competitive programming. Currently learning MERN Stack as part of professional development to strengthen full-stack development skills. Dedicated to continuous learning and applying technical knowledge to innovative projects.

KEY EXPERTISE

AWS S3 · AWS EC2 · HTML · CSS · AWS Lambda · AIML · Deep Learning · AWS RDS · Cpp · ReactJs

EDUCATION

MIT Academy of Engineering, Pune 2022 - 2026
B.Tech. - Computer Engineering | CGPA: **8.64 / 10**

Netaji Subhashchandra Bose College, Kandhar 2022
12th | MSBSHSE | Percentage: **82.83 / 100**

Nagarjuna Public School 2020
10th | CBSE | Percentage: **75 / 100**

PROJECTS

Predicting IPO Underpricing and Overpricing Using Machine Learning 04 Oct, 2024 - 03 Nov, 2024
Mentor: Prof. Anita Shingade | **Team Size:** 3

Key Skills: Artificial Intelligence · Machine Learning · Front-End Web Development

Project Link: https://ipo-underpricing-prediction.onrender.com/

1) Analyzed IPO data, including issue size, investor allocations, and market profit expectations.
2) Implemented machine learning models such as Logistic Regression, KNN, Decision Trees and Random Forest.
3) Achieved 82% accuracy with Random Forest, providing insights into IPO pricing strategies.
4) Highlighted critical features like issue price, market profit, and institutional investor demand in prediction outcomes.

Resume-Based Job Matching Portal using ML 01 Sep, 2023 - 07 Jun, 2024
Team Size: 4

Key Skills: ML · Web Development · AWS EC2

Project Link: https://bit.ly/resume-job-portal

1) Implements NLP techniques to extract and analyze key skills and experience from applicant resumes.
2) Utilizes resume scanning technology to analyze applicant resumes for key qualifications and skills.
3) Provides personalized job recommendations and suggests suitable companies for applicants to apply, enhancing the job search process using content-based filtering and collaborative filtering techniques

Online Movie Ticket Booking System 25 Apr, 2024 - 19 May, 2024

Key Skills: AWS · sqlite3 · S3 · web development

Developed an Online Movie Ticket Booking System using DBMS, enhancing data management and user experience.
Implemented features like user registration, seat reservation, and secure payments, improving convenience and efficiency.
Hosted the project on Amazon AWS using S3 for storage and EC2 for computing, ensuring scalability and reliability.

College Club CODECHEF WebApp 02 Jan, 2024 - 19 Mar, 2024
Team Size: 4

Key Skills: HTML · CSS · JScript · React.js

Project Link: https://radiant-conkies-15963e.netlify.app/

1) Built a web app using HTML, CSS, and JavaScript for CODECHEF-related activities.
2) Features include event submission, leaderboard tracking, and other interactive functionalities.
3) Designed with a user-friendly interface tailored for college students.

ACHIEVEMENTS

- First Rank in Datathon (2024), Annual Machine Learning and Data Science competition oraganised by GirlScript MITAOE
- Finalist at IRIS X ENGINEER'S CRADLE Innovation HACKATHON conducted by IRIS MIT-WPU.
- Finalist at National Level Hacatkon DECODEX conductced by N.L. Dalmia IMR.

CO-CURRICULAR ACTIVITIES

- Management lead at Tech Club CodeChef MITAoE.

WEB LINKS

- Github - https://github.com/onkarkatkamwar
- Personal - https://onkar-katkamwar.netlify.app