VAIDIK VADHAVANA

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EDUCATION

University of Southern California   Aug. 2024 – May. 2026
Master of Science in Computer Science

University of Mumbai (APSIT)   Dec. 2020 – Apr. 2024
Bachelor of Engineering in Computer Engineering   **GPA - 9.28/10.0**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript
Web Technologies & Frameworks: HTML5, CSS3, Node.js, Flask, Django
Databases: PostgreSQL, MySQL, SQLServer, MongoDB
Cloud and Tools: AWS, GCP, Heroku, Git, Postman

EXPERIENCE

Data Analytics Intern   Jul. 2022 – Sep. 2022
EduSkills Foundation (AICTE)

- Achieved AWS Data Analytics certification, demonstrating proficiency in AWS services for data processing, storage, and visualization.
- Deployed APSIT Community project using Amplify, Elastic Beanstalk, and S3 demonstrating these skills.

Machine Learning Intern   Sep. 2021 – Nov. 2021
APSIT Skills

- Created detailed user guides and training materials on machine learning basics that improved comprehension among over 30 students during workshops held at university.
- Developed foundational skills in Machine Learning by creating impactful projects.

ACADEMIC PROJECTS

APSIT Community | Flask (Python), React, MongoDB, AWS   Jun. 2023 – Dec. 2023
- Created a full-stack web application using Python and React while leading a team of 5 developers.
- Designed and implemented RESTful APIs for core functionalities.
- Utilized JWT authentication for secure user login and account management.
- Collaborated with 120 students to test application, gather feedback, and implement necessary improvements, resulting in a 100% increase in user satisfaction.

NutriLytik for Diabetic Patients | Python, Flutter   Jun. 2022 - Mar. 2023
- Constructed a Diet Recommendation System using Flask, Python, and Gradient Boosting Regressor model, achieving 88% accuracy in personalized meal suggestions.
- Engineered features and implemented an API for personalized meal suggestions based on a survey of 170 diabetic patients.

Hire-Me - Resume sorter | Python (pdfminer, nltk, spacy, tkinter)   Jan. 2022 – Mar. 2022
- Engineered a resume sorting app with tkinter GUI, employing NLP for analyzing documents.
- Created an advanced resume parsing solution leveraging natural language processing techniques, resulting in a 50% reduction in manual sorting time.

CERTIFICATIONS

**AWS Academy Cloud Foundations, AWS Academy Data Analytics,
GCSB - Google Cloud Essentials, Cisco - IT Essentials**