

VISHAL ADHAV

Binghamton, NY | vadhav@binghamton.edu | 607-232-4104 | LinkedIn: <https://www.linkedin.com/in/vishal-adhav/>

EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science

Master of Science in Information System

Expected May 2025

Cumulative GPA: 3.52/4.00

Mumbai University, Mumbai, India

Bachelor of Engineering in Computer Engineering

October 2020

TECHNICAL SKILLS

- Programming:** Python, Django, DRF, HTML, CSS, Celery, Version Control, Selenium, Web Scraping, Automation, Web Development, ReactJS, Javascript and Jquery
- Database Servers:** AWS, ORM, MySQL, MongoDB, PostgreSQL, GCP and Azure
- Development:** GIT, VS Code, Sublime, Bash, Pycharm, Microsoft Access and Live Debugger
- Software and OS:** Tableau, Power BI, Microsoft Office Suite, Linux and MS Excel, CAD, Final Cut Pro
- Certifications:** Big Data Modeling and Management Systems[UC San Diego], The Data Scientist's Toolbox[JOHNS HOPKINS], HTML, CSS, and Javascript for Web Developers[JOHNS HOPKINS], Introduction to Big Data[UC San Diego], Crash course on python[Google], Sap O1 training program[SAP]

PROFESSIONAL EXPERIENCE

Diquary Digital LLP

Mumbai, India

Python & Django Developer

July 2021 - June 2023

- Led a collaborative effort within a cross-functional team to create, maintain and deploy web applications resulting in a 50% reduction in software bugs, leading to an increase in customer satisfaction by 30%
- Designed and executed 200+ APIs using Django REST Framework, ensuring seamless server-client communication while meticulously aligning with the intricate nuances and specifications delineated by the job requirements
- Applied cutting-edge cloud-native deployment techniques for the optimal design, planning, and integration of Cloud-based technology and virtualization environments in order to support 15+ projects for external clients

V2STech Solutions Private Limited

Mumbai, India

Software trainee

August 2020 - June 2021

- Revamped and modernized legacy codebases by creating version controls and managing servers on cloud, significantly reducing operating costs by 10+% and enhancing functionality across various facets of operations
- Collaborated with 15+ engineers, using cross-functional development and testing teams to deliver resilient solutions meeting client demands for enhanced functionality, scalability, and optimal performance, fostering a collaborative environment where each team member's expertise contributed to delivering cutting-edge solutions

HACKATHON AND LEADERSHIP EXPERIENCE

HackBU 2024

February 2024

- I engineered a blockchain-based e-voting system using Docker, Kubernetes, Flask, and PostgreSQL, ensuring unmatched security and scalability in online voting. This project redefines the standards for secure and efficient electoral processes.

Diquary Digital LLP

May 2022

- I was honored with top recognition for exceptional performance and leadership, successfully optimizing company resources and significantly reducing expenditures, aligning with strategic priorities and leadership criteria outlined in job descriptions.

PROJECT EXPERIENCE

Sentiment Analysis System

August 2022 - November 2022

- Led a Sentiment Analysis project on 2M+ social media posts with Python and ML algorithms (SVM, LSTM, BERT) in a Flask app for strategic insights, using Matplotlib/Seaborn for visualizations

Loan Prediction System

March 2022 - June 2022

- Enhanced a predictive loan tool with Python, improving approval accuracy by 15% and reducing time by 20%. Utilized KNN for a 25% performance boost and statistical analysis to lower errors by 30%

Speech Emotion Recognition (SER) System

June 2021 - December 2021

- Developed a System using Python, librosa, and scikit-learn, achieving a 30% accuracy improvement in emotion classification with RNNs and CNNs, ultimately surpassing 90% accuracy and establishing a new benchmark in audio emotion detection.

ADDITIONAL INFORMATION

Languages: Native in Hindi, Fluent in English, Fluent in Marathi, Proficient in Sanskrit

Interests: Travelling, Cricket, Table Tennis, Weightlifting, Driving, EDM Music and Gaming, Drake