

# VISHAL ADHAV

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## 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 01 training program[SAP]

## PROFESSIONAL EXPERIENCE

**Diquery 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.

**Diquery 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