

ADITYA CHOUDHARY

◇ Phone: 8003366240 ◇ Address: Bangalore, India ◇ E-mail: adityajat2606@gmail.com ◇ [LinkedIn](#) ◇ [Github](#)

EDUCATION

Vellore Institute of Technology

Bachelors in Technology in Computer Science and Engineering with **CGPA 8.67**

Bhopal, India

Expected : Sept 2025

EXPERIENCE

Pawzzitive Welfare Foundation | Data Analyst Intern

(Dec 2024 - Feb 2025)

- Analyzed adoption trends and campaign performance, enhancing targeting strategies by 25% and improving outreach efficiency through weekly metric reports.
- Streamlined data collection, cleaning, and visualization using Excel and Python; supported digital content management to boost online engagement.

Chegg India | Remote Tutor - Freelancer

(April 2022 - Present)

- Addressed 200+ programming problems on Chegg India, achieving a 85% student comprehension rate.
- Managed 300+ Student Inquiries with prompt and professional responses, maintaining a high level of engagement and providing effective academic support, resulting in increased student satisfaction and positive feedback.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, R, JavaScript, HTML, CSS
- **Framework/ Dev Tools:** MySQL, MongoDB, Tableau, Excel, Pandas, Amazon S3, MySQL Workbench
- **Core Skills:** DSA, OOPS, DBMS, Data Cleaning, Data Visualization, Data Exploration, ETL

PROJECTS

Virtual Mouse [\[Live\]](#) | Python, Gesture Recognition, PyAudio, pywin32

(December 2024)

- Developed a gesture-based human-computer interaction system using Python 3.8.5, enabling mouse and system control through hand gestures and voice commands.
- Implemented functionalities including cursor movement, click operations, drag and drop, volume/brightness control, and voice-activated commands for enhanced accessibility.
- Leveraged libraries such as PyAudio and pywin32 to integrate voice recognition and gesture analysis capabilities.

Home Security With Facial Recognition [\[Live\]](#) | Flutter, Dart, Python

(June 2024)

- Developed home security system using AI-based facial recognition, reducing unauthorized access by 85%.
- Processed camera video with Python script, achieving real-time notifications via Firebase FCM within 2 seconds of detection.

Resource-Tracker [\[Live\]](#) | AWS CLI, Python, Linux

(April 2024)

- Engineered an automated script to monitor and report on AWS resources including S3 buckets, EC2 instances, Lambda functions, and IAM users.
- Optimized data collection and analysis processes that provide real-time insights into the usage of AWS resources.

LEADERSHIP

Blockchain Club *Financial Head @ VIT Bhopal University*

(July 2023 - June 2024)

- Secured sponsorships, increasing club funds by 15%.
- Managed budgets and records, improving financial transparency by 20%.

ACHIEVEMENTS AND CERTIFICATIONS

- Coding Studio (March 22) – CodeKaze (Secured All India Rank 222).
- Google Learn To Earn Challenge – Improved website conversion rate by 20%, reduced bounce rate by 15%
- Applied Machine Learning in Python – University of Michigan
- Salesforce Certified AI Associate