# **Mehul Bhatt**

# **PROFESSIONAL EXPERIENCE**

#### **Backend Developer**

JMV Logistics

05/2024 – 06/2024 Delhi, India

- Built scalable RESTful APIs handling 1,000 requests/min and improved response times by 20%.
- Implemented secure authentication, reducing breaches by 15%. Optimized performance and cutting page load times by 20%.
- Used Docker and Kubernetes to cut deployment times by 15% and support 75% more traffic. Maintained CI/CD pipelines, reducing errors by 10% and increasing deployment frequency by 35%.

**UI/UX** Designer

Vlippr

12/2023 – 04/2024 Chennai, India

- Increased user satisfaction by 65% and reduced bounce rates by 15% through intuitive and visually engaging designs.
- Created over 26 wireframes and prototypes, conducting research with 50+ users to inform improvements.
- Boosted user retention by 20% through cross-functional collaboration and maintained platform consistency.

**Graphic Designer** 

BadeLog.co.in

01/2022 – 05/2022 Chennai, India

- Created homepage banners, product images, and promotional content, boosting customer engagement by 30%.
- Worked with marketing and product teams to produce digital content for campaigns and social media, ensuring brand consistency and increasing campaign effectiveness by 45%.
- Enhanced product visuals through professional editing, driving sales by 30%, and effectively managed multiple projects to meet tight deadlines in a fast-paced environment.

### **PROJECTS**

#### Face Recognition Attendance System ∅

- Utilized Python, OpenCV, and face\_recognition library to identify and log attendance from a live webcam feed for over 50 unique individuals.
- Processed and encoded facial features, resulting in high accuracy with recognition and logging completed in under 1 second per frame.
- Implemented visual feedback with bounding boxes and labels on recognized faces, improving interface efficiency and user satisfaction by 30%.

### IPL Auction Data Scraper 🔗

- Built a scraper using requests and BeautifulSoup to fetch and parse IPL auction data, processing over 1,000 entries.
- Extracted detailed player information and auction data, achieving 95% accuracy.
- Organized and saved the extracted data into a CSV file using pandas, facilitating efficient analysis of over 500 records.

## Lok Sabha Election 2024 Analysis ∂

- Sourced election results from the Election Commission of India, cleaned, and formatted the data for accurate analysis.
- Analyzed the performance of third-party candidates, including the number of seats won, vote margins, and comparison with major parties (BJP and INC).
- Visualized key findings using pie charts and bar charts for easy interpretation.

# Caesar Cipher Encryption and Decryption $\mathscr{D}$

- Implemented a Caesar Cipher in Python to shift letters by a specified number of positions, handling encryption and decryption with 100% accuracy.
- Incorporated robust input validation to ensure correct operation, supporting encryption/decryption direction, message text, and shift amount.
- Developed an interactive user interface that prompts for input, processes over 50 messages per session, and allows users to restart or terminate the program as needed.

#### **EDUCATION**

#### B.Tech. - CSE - Cyber Security

SRM Institute of Science & Technology

• CGPA: 8.89 / 10

• Lead of Design Team at CodeChef, SRM

**Higher Secondary School** 

Gyan Mandir Public School 12th Grade - 7.68/10

Secondary School

Gyan Mandir Public School

• 10th Grade - 7.51/10

#### 2019 Delhi, India

#### **CERTIFICATES**

#### IBM Cybersecurity Analyst Assessment

- Completed the Cybersecurity Analyst
   Assessment course, focusing on threat detection, incident response, and network security.
- Proficient in SIEM tools like IBM QRadar, with hands-on experience in conducting vulnerability assessments and forensic analysis.
- Skilled in managing security policies, assessing risks, and ensuring regulatory compliance, while improving teamwork and communication in cybersecurity contexts.

# Crash Course on Python

- Completed "Crash Course on Python" by Google, mastering Python programming essentials and key concepts.
- Gained proficiency in machine learning and numerical computing using Google's libraries like TensorFlow and NumPy.
- Enhanced web development, scripting, and data analysis skills through practical exercises and coding challenges.

# Ethical Hacking - Hands-on Training

2021 - 2025

2020 - 2021

Delhi, India

Chennai, India

- Completed "Ethical Hacking -Hands-on Training" by Eduonix, specializing in penetration testing and vulnerability assessment.
- Proficient in Metasploit, Nmap, and Wireshark for identifying and ethically exploiting system vulnerabilities.
- Enhanced understanding of ethical and legal cybersecurity considerations and developed strong problem-solving skills through real-world case studies.

# **SKILLS**

Python MySQL

Django Data Structures and Algorithms

Problem Solving APIs

Linux Data Visualization
Data Cleaning Graphic Designing
Machine Learning UI/UX Designing

#### LANGUAGES