

## SKILLS

- **Languages & Frameworks:** Python (Django, FastAPI, Flask, Numpy, Pandas, Seaborn, Matplotlib), SQL
- **DevOps & Cloud:** Docker, AWS, Nginx, Gunicorn, CI/CD
- **Data Analytics & ML:** Tableau, NLP, Machine Learning, Statistical Data Analysis

## EDUCATION

VCET, MUMBAI UNIVERSITY  
(CGPA - 8.23) | 2020 - 2024

- Bachelor of Engineering in CSE(Data Science)
- Honors in AIML

## EXTRACURRICULAR

- **Winner** – Oscillation'24 & VNPS'24
- **Joint Secretary** – E-Cell (Entrepreneurship Cell), VCET
- **Creative Head** – Students Council
- **Organizing Head** – Product Showcase and VNPS Events

## CERTIFICATIONS

- **Data Science Intern** – Tech Cryptors
- **Machine Learning Intern** – Bharat Intern (Virtual)
- **100 Days of Code: Python Pro Bootcamp**
- **AI for India 2.0** – National Program
- **Data Analytics and Visualization** – Accenture (Virtual Experience)
- **Business Insights with Tableau** – TATA Group
- **Career Essentials in Gen AI** – Microsoft x LinkedIn
- **Soft Skills Development Program**

## WORK EXPERIENCE

### Software Developer

NOV 2024- PRESENT

Transvolt Mobility Pvt. Ltd.

- **Developed** and **maintained** scalable backend systems using **Django** and **FastAPI**, powering EV analytics for 200+ vehicles with over 1M data points processed daily.
- Built **automated** reporting workflows, **reducing** manual effort by 30% and delivering key insights to senior stakeholders.
- **Optimized** data access using raw **SQL** and **ORM**, and implemented secure **authorization** across dual backend infrastructures.
- **Deployed** applications using **Daphne** and **Nginx**, improving server reliability and load handling by 20%.

### IT Data Analyst/Backend Intern

AUGUST 2024 - OCT 2024

Transvolt Mobility Pvt. Ltd.

- **Contributed to the development** of backend systems by integrating real-time data pipelines and building **RESTful APIs**, which enhanced data accessibility across platforms.
- **Optimized** database performance through efficient **SQL** queries and data modeling, resulting in a **15% improvement** in data retrieval speeds and system responsiveness.
- **Collaborated cross-functionally** to **embed ADAS (Advanced Driver Assistance Systems)** modules, such as driver behavior scoring and seatbelt detection, which **elevated overall system intelligence and safety metrics**.

## PROJECTS

### Intelligent Video Surveillance for Crime Prevention ([R&P link](#))

Python, YOLO, CNN+LSTM, HTML

- **Developed** a smart surveillance system leveraging YOLO and a CNN-LSTM hybrid model for real-time anomaly detection.
- **Achieved** high detection accuracy and **triggered live alerts** for suspicious behavior; **designed** an interactive UI using HTML/CSS.

### Audio/Text to Sign Language Converter

Python, HTML, CSS, JS, MySQL

- **Integrated** a dual-mode translator with existing communication platforms, providing real-time sign language translation for 30+ users, enhancing inclusivity and user experience.
- **Enhanced accessibility** for the hearing-impaired through an intuitive and responsive user interface.

### SMS Spam Detection Using Machine Learning

Python, Pandas, NLTK, HTML

- **Built** a spam classifier using the UCI dataset and Naive Bayes, reaching **over 95% accuracy** in classifying SMS as spam or ham.
- **Showcased** proficiency in **NLP** with regular expressions, scikit-learn, and NLTK.