Prathamesh Shinde

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Experience

IT Data Analyst/Backend Intern, Transvolt Mobility Pvt Ltd
August 2024 - Present
- Assisted in designing and implementing backend systems with a focus on data integration and API development.
- Supported performance optimization by monitoring and troubleshooting database queries and system issues.
- Gained hands-on experience with data modeling, SQL queries, and performance tuning, contributing to backend process improvements.

Educational Background

- **Bachelor of Engineering | CGPA 8.23**   *(2020-2024)*
  Vidyavardhini's College of Engineering & Technology, Vasai India
  - Computer Science and Engineering (Data Science) with
    Honors Degree in Artificial Intelligence and Machine Learning

- **HSC | Percentage 65.08**   *(2018-2020)*
  Bhaskar Waman Thakur College of Science, Virar India

- **SSC | Percentage 84.00**   *(2017-2018)*
  Geetanjali Vidyalaya, Virar India

Projects

- **Design of an Intelligent Video Surveillance System for Crime Prevention: Using Deep Learning Technology**
  Python, YOLO, CNN+LSTM, HTML
  Developed an advanced crime prevention video surveillance system using deep learning, Python, and a CNN-LSTM model for anomaly detection. Integrated YOLO for efficient object detection, achieving optimal performance and generating alerts through a hybrid system. Proficient in HTML and CSS for the user interface.

- **Audio/Text to Sign Language Converter**
  Python, HTML, CSS, JS, MySQL
  Designed and implemented a robust Audio/Text to Sign Language translator in Python, HTML, CSS, JS, and MySQL, featuring a hybrid system for dual output.

- **SMS Spam Detection Using Machine Learning**
  Python, Pandas, NLTK, HTML
  Developed a highly accurate SMS spam detection model for both ham and spam using the UCI dataset, Python, and Naive Bayes classifier, showcasing proficiency in pandas, re, NLTK, and scikit-learn libraries.

Research and Publications

Presented a paper titled **"Smart Video Surveillance System for Crime Prevention: Using Deep Learning"** at the 5th International Conference on Advances in Information Communication Technology & Computing (AICTC-2024), South Kazakhstan Pedagogical University, Shymkent, Republic of Kazakhstan.

Skills

- Python
- SQL
- HTML
- CSS
- Java
- Data Visualization: Tableau
- NLP
- Machine Learning
- Statistical Data Analysis

Certifications

- Data Science Intern at Tech Cryptors
- 100 Days of Code: The Complete Python Pro Bootcamp (Ongoing)
- Virtual Internship Program at BHARAT INTERN in Machine Learning
- AI for India 2.0
- Data Analytics and Visualisation Virtual Experience, Accenture
- Data Visualization: Empowering Business with Effective Insights, TATA Group
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Certificate of Completion in Soft Skills Development

Extracurricular

- Winner of Oscillation'24 - Technical Paper Presentation
- Winner of VNPS'24 – VCET's National Level Project Showcase
- E-Cell (Entrepreneurship Cell) - Joint Secretary
- Students Council - Creative Head
- Organizing Head for Product Showcase and VNPS