Divya Bhargavi

Bachelor of Technology
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Professional summary

Computer Science student at VIT Amaravati with solid experience in Java, Python, and SQL. Strong foundation in OOP , Data Structures and Algorithms, and team collaboration. Passionate about building practical solutions and continuously improving technical and analytical skills.

Education

· **Bachelor of Technology in Computer Science and Engineering**   2022-26

Vellore Institute Of Technology, Amaravati   CGPA:9.11

Course Work: Software Engineering, Computer Networks, Design and Analysis of Algorithms, Operating Systems ,

Data Structures and Algorithms

· **Intermediate - MPC**   2020-22

Sri Chaitanya Junior College , Bapatla   Percentage :97

· **10th class – State Board**   2019-20

Sri Chaitanya Techno School , Bapatla   Percentage:99.8

Projects

Payment Fraud Detection Link: github.com/Divya-Bharghavi/Payment-fraud-detection.git

Vellore Institute of Technology • July 2025 - July 2025

- Built a machine learning pipeline for credit card fraud detection using supervised learning algorithms
- Performed data cleaning and preprocessing to improve model input quality.
- Developed a scalable fraud detection system with real-time data and continuous performance monitoring.

· **Birdify using Deep Learning Link:** **github.com/Divya-Bharghavi/Birdify.git**

Vellore Institute of Technology • March 2025 - May 2025

- Developed a CNN-based model to classify images of 16 bird species using a custom dataset
- Applied preprocessing techniques like image resizing and normalization to enhance model generalization
- Trained model using TensorFlow with categorical cross entropy, evaluated performance using confusion matrix, precision, recall, and F1 score metrics

Internships

· **Teachnook Data Science using Python**   *Dec - Jan 2023*

Coratia Technologies   Online

- Helped in understanding of Data by applying Python methods or Functions
- Gained hands-on experience in Python for data analysis
- Developed and executed data preprocessing workflows using Python libraries to prepare large datasets for in-depth analysis, ensuring robust data quality for downstream modeling tasks.

Technical Skills And Interests

Languages: Python, Java

Databases: MySQL, Power BI

Version Controls: Git, GitHub

Software Development: Object-oriented programming, System Design

Soft Skills: Team collaboration, Adaptability, Strong verbal and Written communication

Certificates

· **Oracle** OCI Generative AI   *Jul - 2025*
· **Microsoft Etrain India** Azure AI Fundamentals   *Jul – 2024*
· **Nptel** Python For Data Science   *Jul-Aug 2023*