

PRIYANSHU PULAK

Vellore, Tamil Nadu, India

📞 +91-7979005345 ✉️ priyanshu.pulak11@gmail.com 💼 [linkedin.com/in/priyanshupulak](https://www.linkedin.com/in/priyanshupulak) 🐙 github.com/Priyanshu-pulak

Education

Vellore Institute of Technology (VIT)

Sept 2022 – June 2026

Bachelor of Technology in Computer Science and Engineering

Vellore, Tamil Nadu

- **CGPA:** 8.73 / 10.0
- **Relevant Coursework:** Data Structures and Algorithms (C++), Operating Systems, Database Management Systems (SQL), Object-Oriented Programming.

Technical Skills

Languages: C, C++, Java, Python

Database: MySQL, Oracle

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn

Data Structures: Trees, Graphs, Dynamic Programming

Developer Tools: Git, GitHub, VS Code, PyCharm, Google Colab, Postman

Concepts: Object-Oriented Programming, Machine Learning, Regression, Classification, Reinforcement Learning

CP Profiles: **LeetCode:** (Max: 1477), **Codeforces:** (Max: 1058)

Projects

Crypto Price Prediction | *Python, Pandas, NumPy, Scikit-learn* | GITHUB

- Developed a **machine learning model** to predict cryptocurrency price fluctuations based on historical data.
- Performed **data preprocessing** and **feature engineering** to improve model performance and accuracy.
- Implemented regression algorithms with **Scikit-learn**, optimizing through **hyperparameter tuning** to reduce prediction errors.
- Improved model accuracy by 20% through advanced feature engineering techniques.

Iris Flower Classification | *Python, Pandas, Matplotlib, Scikit-learn* | GITHUB

- Designed a **classification pipeline** for predicting Iris species using data-driven insights.
- Explored and visualized the dataset to identify key correlations and enhance feature selection.
- Implemented **classification algorithms**, including Decision Trees and Logistic Regression, achieving high prediction accuracy.
- Evaluated model performance using metrics like **precision**, **recall**, and **F1 score** for robust validation.

Achievements

- Solved **400+ problems** across competitive programming platforms including LeetCode, Codeforces. **Link**
- Achieved a **peak LeetCode rating of 1470**, placing in the **top 4.2% globally** among competitive programmers.
- Microsoft Certified Azure AI Fundamentals. **Certificate**
- Completed a **Machine Learning Certification** on Udemy, covering topics such as regression, classification, and deep learning. **Certificate**

Positions of Responsibility

ADG Club

Apr 2024 – Present

Senior Core Member

VIT, Vellore

- **ParanorML Event Organizer:** Led the planning and execution of a major AI workshop attended by over 250 participants, showcasing leadership and organizational skills.
- **Reinforcement Learning Workshop:** Delivered an advanced session on RL concepts and applications, significantly enhancing understanding among peers.