Priyanshu Dubey

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# EDUCATION

## Vellore Institute of Technology, Bhopal (2021 – Onwards)

Pursuing Bachelor of Technology in Computer Science & Engineering at VIT Bhopal University with CGPA of 7.34.

# SKILLS

* **Programming languages:** C++, Java, Python
* **Computer software and frameworks:** HTML, CSS, JavaScript, DSA, MySQL
* **Languages:** English (fluent), Hindi (fluent)
* **Certifications:** Google Cloud Digital Leader, IamNeo High Performance Coding(DSA C++).

# PROJECTS

## Human Activity Recognition using smart phone data July 2022 to October 2022

* Developed a comprehensive Human Activity Recognition (HAR) system using smartphone data, leveraging advanced programming and data analysis techniques.
* Objective: Achieve precise human activity recognition through the analysis of smartphone-collected data.
* Technologies utilized: Python for programming, Matplotlib and Seaborn for data visualization, and machine learning algorithms including Support Vector Machine (SVM) and Logistic Regression.

## Stock Prediction Analysis Using LSTM November 2022 to March 2023

* Developed a Stock Prediction Analysis project using Long Short-Term Memory (LSTM) networks to enhance forecasting accuracy, outperforming traditional machine learning methods and achieving an 80% predictive success rate on test data.
* Achieved superior performance in stock price prediction compared to traditional machine learning algorithms.
* Technologies employed: Deep learning with LSTM, machine learning, and data analytics tools including Matplotlib and Seaborn.

Implemented using Python, with data manipulation and analysis facilitated by libraries such as NumPy and Pandas.

Activity

* Completed Google Cloud Digital Leader and seized foundational knowledge of Google cloud services, of which 4 services are compute, storage, database, and networking offerings.

## Leadership experience

* Served as a leader in EPICS (Engineering Projects in Community Service) project, coordinating a team of 5 members and successfully delivered a community service project.

# EXTRA CURRICULAR AND ACHIEVEMENTS

* Finlatics Financial Market Analyst: Picking and analysing stocks and equity using financial knowledge and investing in stocks and maintained 69.53% accuracy during my internshipperiod.
* Solved over 150 questions on Data Structures and Algorithms (DSA) and SQL across platforms like LeetCode and GeeksforGeeks
* Successfully attended a Bootcamp DSA week conducted by VIT Bhopal and Coding

Minutes from 24th September 2022 to 30th September 2022.

* Core Member of Organising committee in AaVahan’23.

# ADDITIONAL INFORMATION

*Hobbies*

* Volleyball: Enjoy playing volleyball regularly. Earned 1st place in inter branch volleyball tournament.
* Gaming: Enjoy playing PC and mobile games.