PRATHAM WANMODE

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Education

Vellore Institute of Technology   **Bhopal, India**
Bachelor of Technology – Computer Science and Engineering ; GPA: 8.35   *July 2019 – June 2023*
Courses: Data Structures, Object Oriented Programming, Operating Systems, Computer Networks, Software Engineering, Artificial Intelligence & Machine Learning, Database Management Systems

Indore Public School   **Indore, India**
Intermediate : 12th Board – CBSE (63.7%)   *March 2019*

Atomic Energy Central School   **Indore, India**
Intermediate : 10th Board – CBSE (87.4%)   *March 2017*

Technical Skills

Languages	Python, SQL, Java, C/C++
Frameworks	Flask, Django, TensorFlow, Scikit-Learn, Numpy, OpenCv
Tools	GIT, MySQL, Microsoft Excel
Platforms	Adobe XD, Scene Builder, Heroku, Figma
Soft Skills	Leadership, Problem Solving, Communication, Time Management, Strategic Planning

Work Experience

Raja Ramanna Centre for Advanced Technology, Government of India   **Indore, India**
Summer Trainee – Software Development   *July 2021 – Jan 2022*

- Developed a Java based Inventory Management and Quality Control Software to decrease the production and organizing time of sampling and research. After a week of lab visits, research and brainstorming, we identified strategies which we proposed to the management.
- Gathered UX feedback from the management and designed initial UI for the software.
- Technologies: JavaFx, Spring Boot, FXML
- Team Members: 3 Members
- **Certificate | Source Code | UI Design**

Verzeo   **Remote**
Machine Learning Intern   *May 2021 – Jun 2021*

- Designed a project from the MNIST dataset to identify digit classification using the SVM algorithm
- **Certificate | Source Code**

Projects

Stock Price Prediction with Sentiment Analysis   *Feb 2021 – Apr 2021*

- Prediction of NSE/NASDAQ stock price using ARIMA, LSTM and Linear Regression.
- Developed a user-friendly web platform for predicting equity prices.
- The results were based on quantitative analysis and semantic analysis of tweets.
- **Results:** Achieved accuracy of 97.4% by ARIMA, 95.44% by LSTM and 92.45% by Linear Regression
- **Technologies:** Python, Flask, WordPress, Textblob
- **API's:** Yahoo Finance, Tweepy
- **Source Code**

Human Counting and Crowd Management   *Sep 2020 – Nov 2020*

- Implemented a social distancing detector using OpenCV for a live video input.
- Developed a system for tracking the inflow and outflow of visitors for an event.
- **Technologies:** Python, OpenCV
- **Source Code**

Certifications

Applied Machine Learning with Python, *Coursera (University of Michigan)*	*Nov 2021*
Machine Learning with Python, *IBM Cognitive Class*	*July 2021*
ML to Deep Learning: Remote Sensing Data Classification, *IIRS, ISRO*	*July 2021*

Publications

Wireless Body Area Network: Challenges, Applications and Security	*May 2020*
International Journal of Computer Science and Mobile Computing	

Position of Responsibility

Photography Club, VIT Bhopal University

Student Coordinator   July 2021 – Jun 2022
- Conducted various photography competitions which were judged by experts from Canon India
- Organized Ad Shoot for the university marketing.
- Head of Media Team for AdVITya 2022 (Techno-Cultural Fest of VIT Bhopal)
- Managed media team of more than 15 members with different roles.

Photographer   July 2019 – Jun 2021
- Covered various events organized in the university

Club ANTERiX, VIT Bhopal University

Founder, Head of Media   Jun 2021 – Jun 2022
- Formed the first ever aviation club of VIT Bhopal
- Organized various events related to the field of Aerospace
- Organized ANTERiX Model Rocketry Competition (AMRC'22) during AdVITya 2022
- Managed team of 7 members, designed and manufactured a UAV Fixed Wing Plane.
- Participated in SAE Aero Design Challenge 2021 as a part of Team ARES.