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Vinit Lathiwala

Technical Skills: Python, C++, Java, HTML, CSS, JavaScript, Flask, SQL, Artificial Intelligence/Machine Learning, Deep Learning, Generative AI

Non-Technical skills: Space Science Enthusiast, Leadership

Certifications:
- Applied Machine Learning in Python, Coursera – 2022
- Young Space ED Program - OM Space – 2021
- AWS Academy Graduate – AWS Academy Cloud Architecting
- AWS Academy, Cloud Foundations
- Artificial Intelligence and Machine Learning (SmartInternz)

EDUCATION			
Board	**Tenure**	**Educational institution/Board**	**CGPA/Percentage**
B. Tech (CSE) Spec. AIML	2021 Batch Pursuing - Pre-final Year	Vellore Institute of Technology (VIT), Bhopal	8.6
Class XII	2021	Maharashtra state board	93%
Class X	2019	CBSE Board	86%

ACADEMIC PROJECTS	
Deep Learning	▪ **Detecting Covid-19 from Chest x-rays** Description: An application that detects, whether the person is suffering from Covid or Pneumonia or is he normal based on the chest X-ray. The model is trained with an accuracy of 98% And tested with the accuracy of 96% using CNN based VGG-16 model. - Technology: Python, Flask, HTML, CSS - Solo Project
Software Development using AWS services	▪ **Ticket – support system** - Description: A web-page where user can ask for the support from the company while mentioning the description, priority level and department required. After submitting the form, the user receives an email about an open ticket and the server side receiving an email to resolve the issue. - Technology: AWS S3 Bucket AWS Lambda AWS API Gateway Dynamo DB AWS SNS - Solo Project

Software - Development	**Pharmacy Management** - Description: A software program for users to get the right medicine they want with best prices and no side effects. Every Medicine is provided with an Ayurvedic solution. There is a chatbot to assist you. - Technology: HTML, CSS, JS - Team Project: 5 members - Role: Model Developer
Chrome Extension	**SPEND SMART** - Description: A Bank Manager cum Budget Manager Chrome extension (Browser Action) which manages your spending. It automatically deducts the amount when you buy something on e-commerce websites and would pop-up a notification first, if your spend goes over limit. It can add up many more features. - Technology: HTML, CSS, JS
Miscellaneous	**Rock Paper Scissor Game** (HTML, CSS, JS) **Snake and Ladders** (Python) **Guess the number game** (Python) **Tic-Tac-Toe** (Python) **Random Joke Generator** (Python)

CO-CURRICULAR	
Coding	- Hacker Rank - 5 Star in Python - Build Machine Learning Models - Build small websites over HTML , CSS , JS - Data Structures in C++ and python - Learning how to develop a Chrome Extension - Learning AWS - SQL - Have an Idea about how Unity Development works

ACHIEVEMENTS AND EXTRA-CURRICULARS	
Achievements	- Qualified Flipkart Grid5.0 (Round 1) - Event Management Skills - Qualified for SIH-2023 National Round
Extra-curricular	Participate in, 1. Flipkart Grid 5.0 2. 6th sense robotics workshop (Inter-University Festival), IIT-Mumbai, (24-30 Sept, 2022)

ADDITIONAL INFORMATION	
Hobbies	- Learning new things about Space – time. - Listening Music - Badminton, cricket, Football - Sketching - Driving , Travelling - Finding New AI tools to explore new things to do
Languages	- English - Hindi - Gujarati - Marathi