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Preamble

2nd Year B. Tech. (CSE) student from Vellore Institute of Technology, Chennai (VIT – one of the premier institutions in the engineering education with National Institution Ranking Framework (NIRF) ranking 16. Have passion for learning and enhancing technical skills in the fields of Web Development, Full Stack Development, UI/UX, Cloud Computing, Machine Learning and Artificial Intelligence. Involved in research works in the field of Database Management as well as Mobile Cloud Computing.

Academic Details

COURSE	INSTITUTION	BOARD	SCORE	YEAR
Computer Science and Engineering (CSE)	Vellore Institute of Technology, Chennai	B. Tech.	9.73 CGPA	Present
Electronics and Computer Engineering (ECM) *				
CLASS XII	PACE Junior Science College, Thane	HSC	First Distinction	2020
CLASS X	DAV Senior Secondary Public School, Sector 8 Panchkula, Haryana	CBSE	97.6%	2018

Migrated from Electronics and Computer Engineering (ECM), so as to focus more towards CSE only. Hence, maintained a good academic record, and was approved to migrate.

Technical Proficiency – Software Programming Skills

- Beginner – Arduino, LTSpice, MATLAB, MultiSim, Machine Learning, Deep Learning, Docker, React, NodeJS, MongoDB and Express.
- Intermediate – HTML, CSS, JavaScript, Bootstrap, ThreeJS, DriverJS, Flask, OpenCV, PHP, MySQL, Python, C, C++, Data Structures and Algorithms, Git and GitHub.

Training and Certifications

- Hackerrank Certifications for JavaScript and Python; Solo Learn Certification for C and C++
- Completed training for Python, C, C++ offered by IIT Bombay
- Successfully completed "Python Data Structures" , course by University of Michigan
- Received certifications for successful completion of two courses (Udemy) – Google Cloud Associate and Professional Data Engineer
- Training in Python for Machine Learning and Data Analytics

Conferences, Workshops and Achievements

- **Conducted a workshop** on Python Libraries, OpenSource (Git and GitHub), DevOps
- Invited for attending **Microsoft Research Summit 2021** and **Google Quantum Symposium**, selected for receiving an AI NFT from one of the keynote speakers
- Participated in **seven** coding hackathons**, three** competitive programming events, **one** ideathon
- Selected **in Top 25 Teams** and Won the Title of **Innovative presentation** by GitHub at IEEE SPS
- Participated in **Indian Rover Design Challenge** and secured **fifth position** internationally, Won an award for innovative design of Assistive Bot from Mars Society South Asia
- **Mentored and guided** more than 300 students for various Hackathons such as TecHacks 2.0, and making Open-Source Contributions during Hacktoberfest (alongwith ACM VIT – Forktober)
- **Successfully finished** 30 Days of Google Cloud and Learn to Earn Challenge
- Working on **COVID Prediction and Analysis of Spread in Cases over the time** project
- **Selected** as a member of Google Crowdsource and Microsoft Azure Developers League

Academic Projects

- **Epitomia | Learn from Anywhere Anytime -** The main aim of this project is to create user interface that is convenient for both the students as well teachers.
  Reducing the communication between students and teachers with an added functionality of integrating it to online video conferencing platforms such as Zoom, Google Meet and Microsoft Teams / conduct own meetings.
- **From Beginning to End: Overview of Rise in COVID-19 Cases over the World:** Includes the implementation of analysis done for the COVID-19 confirmed cases across the world.
  This project utilizes the database maintained by GitHub - which consists of data of COVID active, confirmed cases increasing over the months. Shows a timeline view of how the cases spreaded across the world, the severity of COVID-19 in countries at any specific point of time.
- **Athena | Article Repository Management System:** A lot of content is put out on the Web without reviewing the credibility of the information or content present in the article, because of this, people waste a lot of time searching for accurate yet complete information. Athena resolves this issue by introducing a third person in between Article Submission and Article Publishment. Until and unless the article is unique or properly organized, it remains unpublished.
- **Object Detection using OpenCV and Deployment to Web App Using Flask**

Club Memberships

- Member of Microsoft Innovations Club
- Member of HackClub VIT Chennai
- Member of Programming Department in Technocrats Robotics
- Member of Programming and Science Department in Rover Division (Technocrats Robotics)
- Member of Open Source Department in Google Developers Student Club, Chennai
- An Active Youth volunteer for UNICEF India (Young Warrior)
- Open Source Contributor at EddieHub and GirlScript Winter of Contributing

Research Papers

- Mobile Cloud Computing: Issues, Applications and Scope in COVID-19 [Ongoing]
- Article Repository Management System: A Novel Approach for Content and Blog Management Systems [Ongoing]