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EDUCATION

PSG College of Technology   Coimbatore, Tamil Nadu
BE Electrical and Electronics Engineering(Sandwich); CGPA: 8.59*   *2019 – 2024*

Sri Venkateshwara Vidhyalayaa Higher Secondary School   Erode, Tamil Nadu
Higher Secondary Education; HSC: 86.1%   *2019*

Sri Venkateshwara Vidhyalayaa Higher Secondary School   Erode, Tamil Nadu
Secondary Education; SSLC: 98.2%   *2017*

*CGPA as per Semester 5, 2022

EXPERIENCE

Virtual Intern   **Oct 2021 – Nov 2021**
-Done virtual internships from companies like SAP, ANZ, Mastercard through Forage

Web Developer (Volunteering)   **Oct 2021 – Present**
-Developed a full-fledged website with my team for Students Union at PSG Tech
-Contributed in UI/UX design and Front-end development.
-STUDENTS UNION (psgtech.edu)

ONLINE COURSES AND CERTIFICATIONS

Introduction to Cyber security (1 week)   **Jan 2022**
-Completed certification course from Cisco Networking Academy
-Learned about the cyber-attacks and how to secure threats in an organization

AREA OF INTEREST

- Machine learning and data science
- Cyber security
- Web development

SKILLS AND ENDORSEMENTS

Programming languages: C, Python, HTML, CSS, JavaScript, PHP

Tools & Technologies: , Linux, MATLAB, Git, Tensorflow, Pandas, Numpy, OpenCV, Google Colab, Bootstrap, Jupyter Notebook, VS Code, Adobe Photoshop, Adobe Premier Pro, Adobe Illustrator

Industry Knowledge: Data science, Machine learning, Web development, Ethical Hacking, Computer Networking

INTERNSHIP DETAILS

Name of the Industry	Duration	Area of Exposure
PSG Centre for Audio Visual Speech Recognition (CAVSR)	MAR 2022 – MAY 2022	Sign language production
PSG Centre for Audio Visual Speech Recognition (CAVSR)	JULY 2022 – Present	Image processing and Machine translation

MINI PROJECTS

Done some ML models as case studies:
- Image classification model, Image captioning model
- Optical character recognition model
- Face detection, gesture recognition

Simple food ordering chat bot using dialogflow   [Telegram Chatbot](#)
 -created a simple chatbot and integrated it with Google assistant and telegram (github.com/sudarshan-hub/food-ordering-chatbot)

 CGPA calculator for our class
  -developed a simple application that calculates the CGPA of our classmates (will be developed further)

EXTRA-CURRICULAR ACTIVITIES

- **"Technical content writer"** at a few Medium publications
- Served as **"Cadet Warrant Officer"** at PSG Tech NCC Air wing
- Attended CATC (Combined Annual Training Camp), Feb 2021 and Nov 2021, as a part of NCC activity
- Completed Senior grade in English typewriting with "First Class and Distinction"
- Finalist in **"Saniya Ranakshetram" sCyber security Hackathon** conducted by Indian Army in November 2021
- Holding "Student Executive" position at IEEE Students Chapter 12951