AMBIKA SANAP

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Education

Vidyalankar Institute of Technology	**2020 − 2024**
Bachelor of Engineering in Information Technology with honors in AIML - CGPA: 9.74	*Mumbai, Maharashtra*
HVPS's Ramniranjan Jhunjhunwala College	**2020**
HSC in Science stream - Percentage : 85.08	*Mumbai, Maharashtra*
CES's Michael High School	**2018**
SSC - Percentage : 95.80	*Mumbai, Maharashtra*

Experience

Morningstar	**Aug 2024 − Ongoing**
Associate Software Engineer	*Vashi, Maharashtra*
Vidyalankar Institute of Technology	**Aug 2021 − Oct 2021**
Content Creation, UI Design, Documentation Intern	*Mumbai, Maharashtra*

Projects

Satark | *Machine Learning, Flask, SQLAlchemy*   **April 2024**
- Building a system to continuously monitor the CCTV footage and give alerts on detecting anomalies. Currently trained models to detect accidents and violence with AOC 92%.
- On detection of anomaly, notification is sent to the concerned authority and the details are stored in the database.

Indian Sign Language Detection | *Python, Machine Learning*   **May 2023**
- Developed Indian Sign Language Detection System using Machine Learning, which would detect the action of the user.
- Created a dataset of over 1000 samples of 10 different actions. Used LSTM to learn, process, and classify data.

E-Ration Shop | *Django, HTML, CSS, JavaScript*   **May 2022**
- A unique concept, a prototype of the platform to order ration items available under the Public Distribution System (PDS) online for which Razorpay payment gateway was integrated.

Achievements / Certifications

* **Paper published in IEEE explore: "Anomaly Detection through Surveillance Videos using CNN" (presented it at 18th INDIAcom; 2024 11th International conference for Sustainable Global Development, BVICAM, New Delhi)**
* **Smart India Hackathon 2022 - WINNER (organized by MoE)**
* **Smart India Hackathon 2023 - FINALIST (organized by MoE)**
* **2nd prize IEEE Overflow Hackathon**
* **SQL(Basics) HackerRank verified**
* **Coursera verified Python Programming for Everybody(Michigan University)**
* **Oracle Cloud Infrastructure 2023 Certified Foundations Associate**

Technical Skills

Languages: C#, Java, Python, HTML, CSS, Javascript, Angular, SQL, PostgreSQL
Developer Tools: VS Code, Eclipse, Jupyter Notebook, Git, GitHub, Figma, Canva
Technologies/ Frameworks: .NET Core, ADO.NET, Dapper, EF Core, Cloud Computing(OCI foundations, AWS fundamentals), Machine Learning, MERN

Leadership / Extracurricular

ITSA ,VIT	**July 2022 − July 2023**
President	

- Selected as the President of the Information Technology Students Association(ITSA) a technical committee of the college. Interacted with professionals to conduct workshops for skill development, organized coding contests, technical quizzes, etc

Student Council , ITSA (VIT)	**July 2021 − July 2022**
Workforce	

- Literary core member and Publicity core member respectively. Enhanced Communication and public speaking and Leadership skills