Pranav Undre

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in LinkedIn Profile • ⌂ GitHub Profile • 🔗 Portfolio

EDUCATION

- **Vellore Institute of Technology, Vellore** *2024*
  Bachelor of Technology in Information Technology CGPA: **8.45**
- **Dnyanganga Junior College, Pune** *2020*
  HSC State Board Percentage: **86**
- **Silver Crest School, Pune** *2018*
  SSC State Board Percentage: **93.2**

PERSONAL PROJECTS

- **BlogIt Down App** *June 2022 - Aug 2022*
  A blog web app that allows users to create, edit, view, like, and comment on blog posts.
  – I developed and launched dynamic blogging with **5 key functionalities**, including user authentication, versatile blog creation, interactive features such as likes and comments, and personalized editing capabilities.
  – Tools & technologies: HTML, CSS, JavaScript, ReactJS, Firebase. **GitHub Repository**
- **Aarogyata** *Aug 2021 - Dec 2021*
  A structured database design for managing a government-issued public health ID.
  – Designed and implemented a **comprehensive SQL database system** enabling a centralized health network, featuring **18 tables**, containing essential information such as Aadhaar details, patient records, medical facilities, doctors, medicines, and disease information with a robust structure comprising **46 constraints**.
  – Tools & technologies: Oracle Database utility SQL Plus. **GitHub Repository**
- **Sentiment Analysis for Covid-19 Vaccine** *Nov 2022*
  Sentiment Analysis of public Tweets about the COVID-19 Vaccine posted on Twitter during the Pandemic
  – I conducted a comprehensive review of 10 papers, balanced a dataset of 182,565 instances using SMOTE, and achieved remarkable accuracy rates of 97.20%, 85.55%, 97.96%, and 97% with Random Forest, Naïve Bayes, SVM, and CatBoost. Our hybrid model boosted Naïve Bayes' accuracy from 85.55% to an impressive 99.93%, outperforming previous works (88.02%).
  – Tools & technologies: Python, Kaggle. **Kaggle Notebook**

COURSES AND CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate** *Aug 2023*
  Validation No.: N7Z7EF2K7BEE109N
  – Certified AWS Solutions Architect with expertise in scalable, cost-effective cloud solutions.
- **Microsoft Certified: Azure Fundamentals** *April 2023*
  Credential ID: 2D8C684A4DD8D827
  – Attained the Azure Fundamentals certification, showcasing foundational knowledge of Azure cloud services.
- **Microsoft Certified: Security, Compliance and Identity Fundamentals** *Jan 2023*
  Credential ID:4A8F576B95F80142
  – Achieved Microsoft Security Fundamentals certification, highlighting expertise in securing and managing identities.

TECHNICAL SKILLS

- **Languages and Libraries**: C/C++, Javascript, C++ STL, Python, NumPy, Pandas
- **Web Dev Tools**: jQuery, Nodejs, ExpressJs, ReactJS, Tailwind, Bootstrap, VScode, Git, Github, PostMan, Figma
- **Cloud/Databases**:Amazon Web Services, Microsoft Azure, MongoDb, Firebase, Relational Database(MySQL)
- **Relevent Coursework**: DSA, OS, Computer Networks, DBMS, Object Oriented Programming, System Design.
- **Areas of Interest**: Web Design and Development, Backend Development, Cloud Services, iOS Development
- **Soft Skills**: Problem Solving, Self-learning, Presentation, Adaptability

EXPERIENCE

- **Core Committee Member, IxDA - Vellore** *Oct 2021 - Jan 2023*
  – As a Core Committee Member of IxDA - Vellore, I contributed as a web developer and developed a website for a hackathon. I also explored the Figma Design tool with my friends in the Design domain.

INTERESTS

Technology • Computers • Movies • Web Series • Games • Graphic Designing