SURYANSH SAPEHIA

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EDUCATION

Vellore Institute of Technology   Bhopal, India
Pursuing Bachelor of Technology in Computer Science – Artificial Intelligence; CGPA: 9.4   **September 2023 – May 2027**

SKILLS SUMMARY

- **Languages:** Python, Java, C++
- **Frameworks & Libraries:** Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, OpenCV, Flask, Streamlit
- **Tools & Databases:** Microsoft Excel, PowerPoint, MySQL, SQLite
- **Development Platforms:** Jupyter Notebook, Visual Studio Code, Google Colab
- **Soft Skills**: Rapport Building, Strong Stakeholder management , People Management, Excellent communication

PROJECTS

🔐 **Phishing Website Detection**   **March 25- April 2025**
  o **Developed a machine learning-based system to detect phishing websites using a labeled dataset of over 11,000 URLs and 30+ extracted lexical, domain-based, and content-based features.**
  o **Deployed the final model using Flask, creating a lightweight web application that allows users to input URLs and receive real-time phishing risk assessment.**
  o **Promotes cybersecurity awareness by helping users identify and avoid suspicious or harmful websites.**

🩺 **Diabetes Prediction**   **January 25- February 2025**
  o **Developed a machine learning-based system to predict the likelihood of diabetes using a labeled dataset containing health metrics such as glucose level, BMI, and blood pressure.**
  o **Deployed the final model using Streamlit, creating an interactive web application that allows users to input their health data and receive real-time diabetes risk assessments.**
  o **Promotes health awareness by providing users with an accessible tool to evaluate their risk of diabetes and encouraging proactive health management.**

📧 **Spam Mail Detection**   **February 25- March 2025**
  o **Developed a machine learning-based system to classify emails as spam or not, utilizing a labeled dataset of email messages.**
  o **Deployed the trained model using Streamlit, creating an interactive web application that allows users to input email content and receive real-time spam classification results.**
  o **Enhanced email security awareness by providing users with a tool to identify and filter out unwanted spam messages.**

📰 **Fake News Detection**   **March 25- April 2025**
  o **Developed a machine learning-based system to classify news articles as real or fake, utilizing a labeled dataset of news content.**
  o **Deployed the trained model using Streamlit, creating an interactive web application that allows users to input news text and receive real-time authenticity assessments.**
  o **Contributed to combating misinformation by providing users with a tool to assess the credibility of news content.**

CERTIFICATES

Skills Development in Data Science (Kaggle) | **March 25-Ongoing**
  o **Proficient in Python programming, including data manipulation with Pandas and data visualization techniques.**
  o **Skilled in applying machine learning algorithms, from data preprocessing to model evaluation.**

Artificial Intelligence Fundamentals (IBM) | **March 02 – April 12 ,2025**
  o **Learned core concepts of Artificial Intelligence, including machine learning, neural networks, and data-driven decision-making techniques.**
  o **Applied AI techniques to real-world scenarios, gaining hands-on experience in building intelligent systems for automation and problem-solving.**

ACHIEVEMENTS

  o 🏅 **Secured 1st position in the Hack4Health Hackathon**, organized by the Health-o-Tech Club in collaboration with VIT Bhopal University, for developing an innovative health-tech solution addressing real-world medical challenges.
  o 🏅 **Achieved 3rd Runner-up position in the Cyber Safety Hackathon**, conducted by the Madhya Pradesh Police in association with VIT Bhopal University, by presenting a cybersecurity-driven solution to tackle online threats.
  o 📱 **Led the social media strategy for the Pahadi Club**, designing and executing culturally rich campaigns that significantly increased engagement and enhanced awareness of regional heritage across digital platforms.