Hamanpure Vaibhav

An independent and self-motivated hardworking individual dedicated toward goals.

hamanpure2003@gmail.com | 6303508398 | linkedin.com/in/hamanpure | github.com/hamanpure

EDUCATION

B.Tech. in Computer Science & Engineering
Institute of Aeronautical Engineering, Hyderabad
CGPA: 7.54
2021 - Present

Sri Chaitanya Junior Kalasala, Hyderabad
XII (TSBIE), Aggregate: 908/1000
2021

Govt. High School, Langer Houz, Hyderabad
SSC (Class X), CGPA: 8.50/10
2019

SKILLS

- **Programming Skills**
  - Python, JavaScript, Java, SQL, HTML, CSS, C/C++
- **Tools, Libraries, and Frameworks**
  - Data Manipulation: Pandas, NumPy
  - Data Visualization: Matplotlib
  - Databases: MySQL, PostgreSQL
  - Web Development: Node.js, Express, EJS
  - CSS: Bootstrap, Tailwind CSS
  - Version Control: Git & GitHub
  - MS Office: Excel, PowerPoint, Word
  - Design Tools: Canva, Figma
- **Soft Skills**
  - Communication, Critical Thinking, Problem Solving, Time Management

EXTRACURRICULAR ACTIVITIES

Head of Marketing | E-cell IARE

- In my role as the Head of Marketing for the Entrepreneurship Cell (E-Cell) at our college, I focus on: Boosting CELL visibility and presence through organizing events and collaborating with other college cells.

Volunteered at IIC Regional Meet

- I spearheaded the Yukti Innovation Challenge during the IIC Regional Meet, which was organized in partnership with IARE and the Institutions Innovation Council (IIC). I successfully managed the event, overseeing participation from over 100 teams and more than 50 colleges.

CERTIFICATIONS

- Programming, Data Structures, and Algorithms Using Python – NPTEL
- Web Development 101 – Introduction to JavaScript – Pupilfirst School
- Web Development 201 – Server-side Programming with Node.js – Pupilfirst School
- Google Cloud Career Practitioner's Campaign – Google Developers Student Clubs
- Arm India – Designing and Modeling IoT, AI & ML Systems - Participation Certificate – Arm
- Canva – 50 Designs

Projects

Spam Email Classification

- Created a machine learning application that distinguishes between spam and non-spam (ham) emails using natural language processing methods.
- This application analyzes email content through a bag-of-words model and utilizes a trained Naive Bayes classifier to determine if an email is spam or not.
- Libraries used: pandas, matplotlib, sklearn, pickle, and streamlit.

Learning Management System (LMS)

- Developed a comprehensive full-stack LMS featuring role-based access, secure authentication, course management, progress tracking, and effective testing capabilities.
- The LMS allows educators to oversee courses and monitor student progress, while students can enroll, study, and keep track of their accomplishments.
- Libraries utilized: Node.js, Express, PostgreSQL, Sequelize, Passport.js, Tailwind CSS, Jest, Supertest, and Cheerio.

Prediction of Air Pollutants Using Supervised Machine Learning

- Built machine learning models to predict the Air Quality Index using supervised learning techniques.
- Conducted a comparative analysis of various supervised machine learning algorithms.

ACHIEVEMENTS

Paper Presentation (January 2024)

- Achieved second place in the Paper Presentation competition for an e-commerce website.

EY Disha Scholarship

- Chosen for the EY Disha Scholarship Program based on excellent merit in the SSC.