Divya Kandhakula

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SUMMARY

Enthusiastic and motivated Computer Science Student with expertise in Web Technologies, and strong foundation in JavaScript, Python, Java, HTML and CSS Experienced in developing applications such as an ML-powered vehicle number plate recognition system and a secure cloud middleware system. Passionate about problem-solving, developing applications and contributing to dynamic teams.

EDUCATION

- **BTech in Computer Science and Engineering** | CGPA: 7.5

  Kakatiya Institute of Technology and Science for Women, Nizamabad | October 2020 – August 2024

- **Intermediate - MPC** | CGPA: 9.7

  NRI Junior College, Hyderabad | June 2018 - March 2020

PROJECTS

➢ **Automatic Number Plate Recognition System**
- Developed an **ML-powered system** for vehicle number plate recognition using **Python and Flask**
- Implemented **image processing using OpenCV** and OCR functionality with **Pytesseract**
- Integrated **TensorFlow and Keras** for deep learning-based character recognition
- Designed a **database system (SQL)** to store and retrieve vehicle information
- Achieved **high accuracy in number plate detection and recognition**

➢ **Cloud Security Middleware System**
- Designed and implemented a **secure middleware for cloud-based data transmission**
- Developed the **frontend interface using HTML, CSS, and JavaScript**
- Implemented **encryption protocols** for data security and privacy
- *Created a **secure data packet inspection system** using **Java***
- Enhanced **data security and reduced vulnerabilities** through encryption techniques

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, C++
- **Frontend Technologies:** HTML, CSS, JavaScript, React
- **Libraries & Tools:** NumPy, Pandas, Git
- **Core Concepts:** Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA)

SOFT SKILLS

- Strong analytical and problem-solving skills with the ability to think critically and creatively
- Excellent communication skills and the ability to work effectively in a collaborative team environment
- **Time Management:** Ability to prioritize tasks and meet deadlines
- **Adaptability:** Quick learner with enthusiasm for new technologies
- **Attention to Detail:** Ability to identify errors and ensure accuracy

CERTIFICATIONS

- **Certificate of Completion of Python Using AI -** Ai For Techies

ACHIEVEMENTS

- **First Place** in **Life Employability Skills** competition conducted by Mahindra Pride for Career Path