PAVAN MAMINDLA

Hyderabad, Telangana, India

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PROFILE SUMMARY

• Highly motivated and detail-oriented Computer Science Engineer with strong academic background
• Passionate for innovative technologies with proficiency in multiple programming languages
• Expert in Java, Python, C++, and JavaScript with excellent problem-solving skills
• Strong foundation in data structures, algorithms, and computer systems

TECHNICAL SKILLS

Programming Languages: Python • C Language • JavaScript • Java • C++
Web Technologies: HTML • CSS • React.js • RESTful APIs
Database & Tools: SQL • MongoDB • PostgreSQL • DBMS
Core Concepts: Data Structures • OOPS • Algorithms • Linux

PROJECTS

E-commerce Backend API | JavaScript, REST APIs, DBMS | Sep 2022

• Built scalable backend for e-commerce platform using Java (Spring Boot)
• Created comprehensive APIs for product listing, cart management, and order processing
• Integrated secure payment gateway APIs (PayPal, RazorPay) for transactions
• Implemented PostgreSQL database management with advanced search and filtering

Weather Forecast Web App | React.js, JavaScript, HTML, CSS, RESTful API | Oct 2022

• Developed user-friendly web application providing current weather and 7-day forecasts
• Integrated RESTful API for real-time weather data with high accuracy and reliability
• Implemented responsive design adapting to various devices and screen sizes
• Created interactive UI components using React.js for enhanced user engagement
• Designed intuitive interface for easy access to comprehensive weather information

Weather Based Traffic Scene Perception | Python, Supervised Learning, HTML, CSS | March 2023

• Developed innovative Weather-Based Traffic Scene Perception using supervised learning
• Implemented deep learning model for weather classification (sunny, rainy, foggy, snowy)
• Analyzed traffic scenes for object detection (vehicles, pedestrians, lanes) in various weather
• Integrated weather classification with traffic scene understanding for comprehensive analysis

EDUCATION

Joginpally B.R. Engineering College | Aug 2019 – Aug 2023
Bachelor of Technology, Computer Science Engineering | Hyderabad

Sai Shivani Jr. College | July 2017 – March 2019
Intermediate, MPC | Hanamkonda

EXTRACURRICULAR ACTIVITIES

• Active participant in college coding tests and hackathons demonstrating teamwork
• Volunteered in technical and cultural fests with event management responsibilities