

KASSA PRANAV KUMAR

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CAREER OBJECTIVE

Seeking a challenging role to apply skills in software development, programming, and problem-solving. Proficient in Python and Java for building efficient and innovative solutions. Committed to continuous learning and contributing effectively in collaborative, technology-driven teams.

EDUCATION

- Bachelor of Technology in Electrical and Electronics Engineering, (JNTUH).
Vardhaman College of Engineering, Shamshabad 2023-26 CGPA: 8.85
- Diploma in Electrical and Electronics Engineering (SBTET, Telangana).
Government Polytechnic College Mahabubnagar, Mahabubnagar 2020-23 CGPA: 9.6
- Tenth Class, Board of Secondary Education, Telangana (BSET).
New Rishi Concept School, Mahabubnagar 2020 CGPA: 10.0

ACADEMIC PROJECTS

- IoT-Based Smart Plant Monitoring System Using the Blynk App *December 2024 - May 2025*
Developed a smart IoT system to remotely monitor plant health using sensors and Blynk app.
 - Enabled real-time IoT monitoring of soil moisture, temperature, and humidity using sensors, with automated alerts sent to the Blynk app. Provided remote water pump control via smartphone for efficient plant care.
- Student Feedback Management System *July 2024 - December 2024*
Implemented a student feedback management system using SQL
 - Designed and implemented a Student Feedback System using SQL and RDBMS to efficiently collect, manage, and analyze feedback on courses.
 - Technology Used: MySQL, Microsoft SQL Server.
- Currency Converter Using Java *February 2024 - July 2024*
Designed a currency converter using Java.
 - Designed and implemented a currency converter using Java to convert one currency into another with real-time exchange rates for accurate and efficient results.
 - Technology Used: Java.
- Body Mass Index Using Python *September 2023 - February 2024*
Designed a body mass index (BMI) calculator using Python.
 - Designed and implemented a BMI calculator using Python to assess body fat based on height and weight, categorizing results into underweight, normal, overweight, or obese.
 - Technology Used: Python.

INTERNSHIP

- TSSPDCL *15/05/2024-24/05/2024*
33/11 KV Substation Shadnagar, Shadnagar Offline
 - Completed an internship at TSSPDCL, gaining hands-on experience in transformer testing, switchgear, 33/11 kV substation operations, power systems, circuit analysis, relay testing, circuit breaker inspection, and fault troubleshooting.

TECHNICAL SKILLS

Languages: C, Python, Java, SQL

Tools: Power BI, GitHub.

Simulation Analysis : MATLAB/Simulink, PSCAD.

Databases: Relational Database (MySQL).

Relevant Coursework: Object Oriented Programming(OOP), Database Management System(DBMS).

SOFT SKILLS

Conflict Resolution, Analytical Thinking, Decision Making, Communication, Teamwork Collaboration, Adaptability, Creativity Innovation, Time Management, Self-Learning, Presentation Skills, Leadership, Problem-Solving.

CERTIFICATIONS

- NPTEL Data Science Engineering (IIT Madras, Elite) .
- Dive into Data Using Microsoft Power BI from Vardhaman College of Engineering.
- Employability Skills Job-Ready Certificate.
- Certification in C Programming.
- Certification in Internet of Things (IoT).
- Certification in workshop on EV wire-harness development in CATIA Electrical by Skyskill.
- Certification in Electric Vehicles from DRP Ecomate Solutions.
- Certification in Electric Vehicles from Great Learning.

ACHIEVEMENTS

- Academic Excellence-Topper in Diploma program.
- Secured 2nd Prize in District-Level Chess Competition.

EXTRACURRICULAR ACTIVITIES

- Chess player, represented in district-level competition.
- Organized and led the Treasure Hunt event at Vardhaman College of Engineering for Electroverse.
- Participated in Project Expo and poster presentation during Electroverse event at Vardhaman College of Engineering.

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