

BOMMISSETTY JAYA PRAKASH

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SUMMARY

Detail-oriented and motivated software engineer. Proficient in a programming language such as Python, with hands-on experience in web development and database management. Experienced in collaborative environments through academic projects, internships and training. I am eager to contribute my problem-solving skills and technical knowledge to a dynamic development team.

EDUCATION

SREE VIDYANIKETHAN ENGINEERING COLLEGE

Bachelor of Technology, Major in Electrical and Electronics Engineering

Cumulative GPA: 8.83/10

Tirupathi

Aug 2020 – June 2024

SRI CHAITANYA JUNIOR COLLEGE

Intermediate – MPC, Cumulative GPA: 9.82/10

Vijayawada

July 2018 - June 2020

KESHAVA REDDY K.M. HIGH SCHOOL

10th – SSC, Cumulative GPA: 10/10

Tirupathi

July 2017 - Mar 2018

UNIVERSITY PROJECTS

A HYBRID NEURO-FUZZY SYSTEM FOR ELECTRICAL LOAD FORECASTING

Dec 2023 – Mar 2024

The project's primary goal is to use historical data to calculate the necessary electricity load. It involves neural networks. One of the short-term load forecasting approaches is CANFIS. Bell and Gaussian functions can be used to adapt the CANFIS architecture to different data patterns and levels of complexity. The inherent uncertainties and non-linearities found in real-world data are better represented by the model thanks to these membership functions. Through comprehensive experimentation with the load prediction data set, this study investigates how various settings affect the CANFIS model's accuracy, generalization ability, and learning efficiency.

CERTIFICATIONS

DATA ANALYTICS AND VISUALIZATION JOB SIMULATION – FORAGE

Jan - 2025

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

100 DAYS OF CODE: COMPLETE PYTHON - UDEMY

Jun 2024 – Dec 2024

- The course covers Python Programming language, Front-end technologies (HTML, CSS, JavaScript), MySQL database, Flask framework, web Scraping

PEARSON|MEPRO - ENGLISH

Sep - 2023

- MePro level 10 which is equivalent to CEFR C2 and is in the GSE range of 85-90

TECHNICAL SKILLS

Programming Languages: Python

Frameworks & Libraries: Django, NumPy

Data Management: MySQL

ADDITIONAL

Languages: English, Telugu (Native), Hindi (read & write)

Certifications & Training: 100 days of code: Complete Python (Udemy - 2023), Palle Technologies - Python Full Stack Developer (Apprenticeship) June 2024 – Dec 2024, Embedded Systems and IOT (AICTE - 2024)

Awards: Member in Mohan Mantra (Decoration team) in college – 2023