

BAILAPUDI VENKATA SATYA RAVI KIRAN

+91 9666644608 - ravikiranbvs73@gmail.com - linkedin.com/in/bvs-ravi-kiran - github.com/ Raviki12

EDUCATION

RAGHU ENGINEERING COLLEGE

B.Tech in Electrical and Electronics Engineering

CGPA: 8.7

Visakhapatnam, Andhra Pradesh

August 2020 - May 2024

Ascent Junior College

Stream: MPC

CGPA: 9.4

Visakhapatnam, Andhra Pradesh

June 2018 - March 2020

TECHNICAL SKILLS

Programming Languages: Python, C, HTML, CSS, Java (Basic)

Tools: PyCharm, Visual Studio

EXPERIENCE

Electric Vehicle Technology

Skill Dzure - Virtual Internship

August 2022 - September 2022

- Spearheaded design enhancements for electrical vehicle components and electric motors.
- Participated in the optimization of battery systems, including battery pack layout.

Front End Web Development

IBM - Virtual Internship

June 2023 - August 2023

- Obtained strong proficiency in front-end languages and technologies: HTML, CSS, JavaScript (basics).
- Learned the fundamentals of version control using Git and GitHub.

AI-ML

AWS Academy - Virtual Internship

May 2023 - July 2023

- Gained experience in preprocessing and cleaning datasets, including handling missing values.
- Developed skills in iterative experimentation, testing different algorithms and configurations to identify optimal solutions and improve model performance.

PROJECTS

Smart Solar LED Street Light System Using IOT

- Developed a cutting-edge Smart Solar LED Street Light System leveraging Internet of Things (IoT) technology to enhance energy efficiency and street light management. Implemented IoT-enabled street lights with solar panels for energy efficiency and remote monitoring, optimizing lighting using ESP8266 processor based on environmental conditions. And developed a user-friendly mobile app for real-time control and data analysis using Blynk software.

E-commerce Website

- Designed and developed a fully functional E-commerce website prototype featuring an intuitive user interface and seamless shopping experience. Utilized HTML, CSS, JavaScript, and framework to create responsive design layouts optimized for various devices.

Portfolio Website

- Developed a professional portfolio website to showcase my skills, projects, and professional experience using HTML and CSS. This project demonstrates proficiency in front-end web development.

CERTIFICATIONS

- Accenture Data Analytics and Visualization Simulation by Forage.
- Data Base Management System by NPTEL.
- Smart Grid Technologies by NPTEL.

EXTRACURRICULAR ACTIVITIES

- Participated actively in the National Service Scheme (NSS) at our institution.
- Organized a campus-wide cleanup event where students and faculty came together to plant trees.