BAILAPUDI VENKATA SATYA RAVI KIRAN

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# EDUCATION

**RAGHU ENGINEERING COLLEGE Visakhapatnam, Andhra Pradesh**

B.Tech in Electrical and Electronics EngineeringAugust 2020 - May 2024

CGPA: 8.7

**Ascent Junior College Visakhapatnam, Andhra Pradesh**

Stream: MPCJune 2018 - March 2020

CGPA: 9.4

# TECHNICAL SKILLS

**Programming Languages:** C, Python, HTML, CSS, MATLAB

**Tools:** Visual Studio, PyCharm, Mathworks

# EXPERIENCE

**Electric Vehicle Technology**

*Skill Dzire - 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.

# MATLAB

*Mathworks - Virtual Internship* May 2023 - September 2023

* I've explored deep into MATLAB's extensive suite of plotting and visualization functions.
* Strengthened collaborative abilities and communication skills through active participation in team meetings, technical discussions.

# 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

* Data Base Management System by NPTEL.
* Smart Grid Technologies by NPTEL.

# EXTRACURRICULAR ACTIVITIES

* I was actively involved in the National Service Scheme (NSS) program at our institution, participating in various activities and projects.
* Organized a campus-wide cleanup event where students and faculty came together to plant trees.