Sam Prem Kumar Thalla

samprem88111@gmail.com | 8885517181 | linkedin

EDUCATION

JYOTHISHMATHI INSTITUTE OF TECHNOLOGY AND SCIENCE

B Tech in Electrical and Electronics Engineering

July 2019 - December 2022 | CGPA: 6.5

JYOTHISHMATHI INSTITUTE OF TECHNOLOGICAL AND SCIENCES

Diploma in Electrical and Electronics Engineering

June 2016 - May 2019 | CGPA: 7.21

VIDYADHARI HIGH SCHOOL

2015 - April 2016 | Grade: 7.5

LINKS

Github:// **sampremm**
LinkedIn:// **samprem**

COURSEWORK

SELF-LEARNED

- Introduction to Computer Science
- Data Structures and Algorithms
- Object-Oriented Programming (OOP) with Java
- Database Management Systems (DBMS)

SKILLS

PROGRAMMING

Languages:
- Java

Frameworks:
- Spring Framework

Technical Skills:
- HTML • CSS • JavaScript

Database:
- SQL

Tools:
- Git • GitHub • VSCode

PROJECTS

DETECTION AND TRACKING MPPT

Detection and tracking maximum power point of a PV system under PSC using cuckoo search algorithm (CSA) MPPT. Published a journal in International Journal of Research (ISSN NO: 2236-6124)

CAR RENTAL SYSTEM

JAVA-BASED CAR RENTAL SYSTEM Implemented a Java-based Car Rental System to facilitate the rental and management of cars for customers. The system allows customers to rent available cars for a specified number of days and provides functionalities for returning rented cars. (GitHub)

PORTFOLIO WEB PAGE

Created a responsive portfolio website using HTML, CSS, and JavaScript, ensuring compatibility with both desktop and mobile devices. Showcased projects, skills, and experiences in an organized and visually appealing manner. Implemented responsive design principles to provide optimal viewing experience across various screen sizes. (GitHub)

CERTIFICATIONS

COURSERA Data Structures and Backend with Java | Board Infinity

- Covered essential data structures and algorithms concepts in Java.
- Explored backend development techniques including server-side programming and database integration.
- Developed practical projects to reinforce learning, such as building a CRUD application.

COURSERA HTML, CSS, JavaScript | Johns Hopkins University

- Learned fundamental web development languages and technologies.
- Mastered HTML for structuring web pages, CSS for styling, and JavaScript for dynamic functionality.
- Built interactive web applications and websites through hands-on projects and assignments.

INTERNSHIPS

TRANSCO Six Months Industrial Training at 132/33/11 KV Substation

Gained hands-on experience in electrical power systems and substation operations.

Assisted engineers in conducting routine maintenance and troubleshooting electrical equipment.

STRENGTHS

- Strong problem-solving skills with the ability to think creatively and analytically.
- Excellent communication skills, both verbal and written.
- Fast learner with the ability to quickly adapt to new technologies.
- Positive attitude and ability to work well under pressure.