

# DHAANYAAKUMAR GS

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## EDUCATION

### SRI VENKATESWARA COLLEGE OF ENGINEERING

B.E IN EEE

Expected May 2024 | CGPA: 8.77

Chennai, Tamil Nadu

### JAYAPRIYA VIDYALAYA SR. SEC. SCHOOL (CBSE)

HIGHER SECONDARY EDUCATION

Grad. 2020, Percentage 70

Virudhachalam, Tamil Nadu

### JAWAHAR HR. SEC. SCHOOL (CBSE)

SECONDARY EDUCATION

Grad. 2018, Percentage 88

Neyveli, Tamil Nadu

## SKILLS

### PROGRAMMING

Advanced:

Java • Java Swing • Java Servlet • JSP

• HTML • CSS

Intermediate:

MySQL • JavaScript • Git

Familiar:

C++ • Bash

### CORE

Electrical Machines • Matlab

• Electric Power Systems

## COURSEWORK

### UNDER GRADUATE

• Data Structures and Algorithms

[Git link]

• Java programming for problem solving

[certificate]

• HTML, CSS And JavaScript for web Developers

[certificate]

• Hands-on Introduction to Linux Commands and

Shell Scripting

[certificate]

## INTEREST

### TECHNICAL

Home Automation • Ethical Hacking

• Internet Of Things • Networking

• Web Development

### NON TECHNICAL

• PC Building

## EXPERIENCE

### NLC INDIA LTD. | INTERN TRAINEE [CERTIFICATE]

Jan 2022 | Neyveli, Tamil Nadu

- I learned how a thermal power station works in real life and the safety measures and various precautions implemented.
- Also, the working details of the generators and transformers used, especially the 13.7KV induction generator, which is the primary power production device.
- Understood the working of the internal switchyard with a maximum step-up range of 220KV.
- I witnessed monitoring of power distribution using SCADA-employed systems in the RTU.

## PROJECTS

### INTEGRATED EV CHARGING SYSTEM [Git link]

EV | INTEGRATED CHARGER | POWER ELECTRONICS | MATLAB

May 2023 - Present

- Focuses on **Hardware reuse** of EV charging system. • The incorporation of traction circuitry in charging with advanced **ZVS** control scheme **increases efficiency**.

### REAL-TIME ENERGY MONITORING SYSTEM [Git link]

DSM | ARDUINO | EMBEDDED C++ | MIT APP INVENTOR

Jan 2023

- A circuit driven by **custom firmware** that will cut off the non-essential loads running and minimize the energy usage. • The result will also **keep the daily energy cost under the culmination value** set by the user.

### PULSE2K23 - SYMPOSIUM WEBSITE [Web link]

HTML | CSS | JAVASCRIPT | GIT-HUB

Mar 2023

- Developed a **responsive Event registration website** for the AEEE club.

### VINTAGE SNAKE GAME [Git link]

JAVA | JAVA SWING

Nov 2023

- Developed a user-friendly Snake game using **Core Java** concepts.

### BUS RESERVATION SYSTEM [Git link]

JAVA | MYSQL | GIT-HUB

Dec 2023

- I developed a **Bus Resevation model** using concepts of Core Java with DB.

### USER REGISTRATION MANAGEMENT [Git link]

HTML | CSS | JAVA | JAVA SERVLET | JSP | MYSQL | GIT-HUB

Dec 2023

- Developed a user-friendly user management site using **JSP and Servlet** with full **MySQL DB connectivity**.

## LINKS

Github:// Dkganesh

LinkedIn:// Dkganesh

Leetcode:// Dkganesh

dk2002.web.app

