

DHAANYAAKUMAR GS

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EDUCATION

SRI VENKATESWARA COLLEGE OF ENGINEERING

B.E IN EEE

Expected June 2024 | CGPA: 8.75

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

• HTML • CSS • Spring Boot

Intermediate:

MySQL • JavaScript • Git • React.js

Familiar:

C++ • Linux

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

June 2023 - May 2024

- 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

