PRANIGA SENGOTTAIAN

A versatile learner with expertise in Full-Stack Development, Database Management, and IoT-based systems, seeking to contribute to an organisation where technology meets innovation. My goal is to design impactful solutions that not only solve today's problems but also shape tomorrow's possibilities.

CONTACT

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CERTIFICATIONS

- **"UX Designing"**, offered by GOOGLE on Coursera.
- **"Communications skills"**, provided by TCS ion.
- **"Introduction to Industry 4.0 and Industrial IOT"** and **"Cloud Computing"**, in NPTEL.
- **"Front-end Developer"** implemented by ICT Academy Powered by CAPGEMINI.
- **"Java Full-Stack"** completed an intensive **460 hours** of training in SMARTCLIFF.

SKILLS

C Basics	MySQL
Core Java	Git/GitHub
HTML/CSS	Spring Boot

AREA OF INTREST

- Electric Vehicles
- UX Desining
- Java Full-Stack
- Database Management

EDUCATION

KNOWLEDGE INSTITUTE OF TECHNOLOGY ELECTRICAL AND ELECTRONICS (**CGPA**)8.2	2021 - 2025
J.K.K.NATARAJA MATRIC HR.SEC.SCHOOL **88%** in HSC (MATHS BIOLOGY)	2020 - 2021
BRINDAVAN MATRICULATION SCHOOL **88%** in SSLC	2018 - 2019

ACHIEVEMENTS

- Won **1st prize** for **Project Presentation** on the topic of "HYBRID AND RENEWABLE EV WIRELESS CHARGING STATION" in Mega Hackathon at Vivekanandha Institute with a cash prize.
- Won **2nd prize** for **Idea Pitching** on the topic of "CAM-ATM" in the MegaHackathon at Vivekanandha Institute with a cash prize.
- Won **2nd prize** for **Project Presentation** on the topic of "FLOATING SOLAR PANEL TRACKING SYSTEM" in a National-level symposium at KSR Institute.
- Got **Archiver Award** in Knowledge Institute of Technology - 2023 and also in 2024

PROJECTS

1. TITLE: IOT-BASED BATTERY MANAGEMENT SYSTEM
- **OBJECTIVE:** It is a control system that can **monitor** the battery temperature and power and display it in **a liquid crystal display**. This is used in various applications such as electric vehicles, renewable energy systems, and portable electronic devices.

2. TITLE: MOBILE PREPAID WEB-APPLICATION
- **OBJECTIVE:** Designed and implemented a comprehensive **Prepaid Mobile Recharge Platform** featuring user registration, secure OTP-based login, seamless recharge processing, and robust admin tools for plan management.

INTERNSHIPS

1. Company: SALEM STEEL PLANT[12.04.2022 - 18.04.2022]
- **Exposure:** Learned about industrial power systems, electrical maintenance in heavy machinery, and energy management in steel production processes.

2. Company: AXIS GLOBAL [20.02.2023 - 06.03.2023]
- **Exposure:** Hands-on experience with robotic systems, learning about their design, operation, and maintenance within an industrial setting.