
Academic Qualification

B.E. Electronics and Communication Engineering K.L.N. College of Engineering (2021 – 2025)	CGPA - 8.42
HSC Grace Matric Hr Sec School (2020–2021)	Percentage - 89.96
SSLC Grace Matric Hr Sec School (2018–2019)	Percentage- 90.4

Skills

Languages : Python, Javascript, C, SQL
Frontend : React, HTML5, CSS3, Tailwind CSS
Backend : Django
Databases : MySQL, PostgreSQL, Firebase
Tools & Platforms : Git, Github, Postman, VS Code, Google Colab

Projects

- SmalShop - Ecommerce** Sep 2025
- Developed a full-stack e-commerce platform for local shops featuring inventory management, order processing, admin control, and customer dashboard to provide a seamless shopping experience.
 - Built using React and Tailwind CSS for the frontend, and Django REST Framework, Supabase (PostgreSQL) for the backend.
- FarmIQ - Dashboard** Apr 2025
- Developed an interactive web dashboard with IoT sensors and Firebase for real-time monitoring of soil conditions and weather data, enabling both remote and automatic irrigation control.
 - A machine learning model (Random Forest Classifier) analyzes soil and environmental data to recommend suitable crops, enabling precision agriculture.
- Smart Glove for Sign Language to Speech** May 2024
- Developed a basic model of a smart glove capable of translating sign language into audible speech via a Bluetooth-connected mobile app to assist those with speech impairments.
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Internship

- Project Intern**, K.L.N Innovation and Research Park – Sivaganga, Tamil Nadu Mar - Dec 2023
- Laser Transmitter and Receiver Signal Coordination System for Land Levelling unit**
- Developed a Laser Transmitter and Receiver Signal Coordination System for real-time, accurate terrain profiling. Created graphical representations of land surfaces for precise land levelling in agriculture.
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Certificates

- Introduction to Internet of Things (NPTEL, IIT Kharagpur)
- Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL, IIT Kharagpur)