
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

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| SmalShop - Ecommerce | Sep 2025 |
| <ul style="list-style-type: none">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, PostgreSQL, and Supabase for the backend. | |
| FarmIQ - Dashboard | Apr 2025 |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">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

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| 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 | |
| <ul style="list-style-type: none">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)