

Academic Qualification

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| B.E Electronics and Communication Engineering | CGPA - 8.02 |
| K.L.N College of Engineering | |
| HSC | PERCENTAGE - 79.5% |
| S.P.J.MATRIC.HR.SEC.SCHOOL | |
| SSLC | PERCENTAGE -71.6% |
| S.P.V.MATRIC.HR.SEC.SCHOOL | |

Skills

Programming Languages : Python, C

Backend & Databases : Flask, SQL, Firebase

Tools & Platforms : Git, GitHub, VS Code, Power BI, Google Colab

Projects

Cloud Integrated IoT System for Soil Monitoring and Crop Management System Apr 2025

- Developed a system using IoT and Firebase to monitor real-time soil conditions and weather data through an interactive web dashboard, 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.

Power BI Employee Presence Analysis Dashboard June 2025

- Developed an interactive Power BI dashboard to analyze employee attendance, visualizing presence %, WFH rates, and sick leave trends, enabling HR insights through monthly, daily, and individual performance analysis.

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.

Certificates

- Google Data Analytics Professional Certificate – Coursera
- Introduction to Internet of Things – NPTEL (IIT Kharagpur).
- Introduction to Industry 4.0 and Industrial Internet of Things – NPTEL (IIT Kharagpur).