

SARAVANAKUMAR R

☎ +91 8838416187

📍 Ambattur, Chennai

🌐 [Saravanaramaswamy2003](#)

✉ hello@saravanakumar.engineer 🌐 www.saravanakumar.engineer 📄 [Saravanakumar2003](#)



SUMMARY

I am a motivated individual with a tech background and a passion for making a positive impact. My goal is to excel in a dynamic work environment using my unique personality, technical skills, and experiences.

INTERNSHIP EXPERIENCE

WRA Intern, National Institute of Wind Energy

December 2023 to February 2024

- Developed impactful software tools including a **.dat to .csv converter** and **NIWE dashboard**, enhancing operational efficiency.
- Utilized **version control systems** to manage code effectively and collaborated with the NIWE team while developing **comprehensive documentation** for newly created software tools.

ECE Trainee, North Chennai Thermal Power Plant Stage 2

June 2023 to June 2023

- Completed **1-week in-plant training at NCTPS-2** across Maintenance, Instrumentation, Efficiency, and Communication Engineering departments.
- Participated in equipment **inspections, troubleshooting, and routine maintenance**, gaining insights into thermal power generation.

EDUCATION

Bachelor of Engineering in Electronics & Communication Engineering

Nov 2021 to Present

Velammal Engineering College, Surapet, Chennai - 66

- **Minors in Full Stack Development** (CSE Department)
- Volunteered for various initiatives including the **National Service Scheme, Institution Innovation Council, Coders Club, and E-Cell.**

Secondary & Higher Secondary Education

June 2017 to May 2021

Sethu Bhaskara Matric Higher Secondary School, Pudur, Chennai - 53

- **12th Grade:** 87.4% (Physics, Chemistry, Biology, Maths, English, Tamil) (State Board, TN)
- **10th Grade:** 84.5% (State Board, TN)

SKILLS ACQUIRED:

- **Programming:** C, Python, JavaScript
- **Web Technologies:** HTML, CSS, React, Firebase, Git, GitHub, Azure
- **Microsoft Office:** Word, Excel, PowerPoint
- **Design Tools:** Figma, Canva

PROJECTS (HIGHLIGHT)

EmpowerKids (Velammal Hackathon 1.0)

<https://empowerkids.netlify.app/>

Empowerkids is a platform that allows children to file complaints regarding issues that affect them.

National Service Scheme Website

<https://nssvec.vercel.app/>

Official NSS website with logins, event/photo/video uploads, newsletters, notifications, volunteer/teacher lists, admin controls, and batch details.

ADDITIONAL INFORMATION

- **Subject of Interest:** Programming and Software & Web Development, Artificial intelligence.
- **Certifications(Highlights):** Azure Fundamentals, Azure AI Fundamentals, Google IT Support by Coursera.
- **Awards:** "Winner - Velammal Hackathon 1.0" with a prize of Rs. 5000 (Mar 2024), Third place in "34th All India Essay Contest" conducted by the Department of Atomic Energy with a prize of Rs. 15,000 (Oct 2022). "State Level Award in National Children Science Congress" conducted by TNSF (Feb 2021)
- **References:** Dr. K. Boopathi, Director & Division Head of WRA from National Institute of Wind Energy, boopathi@niwe.res.in, +91 895248663.