

# SARAVANAKUMAR R

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## 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.
- Applied advanced data analytics techniques to contribute to various research projects, elevating research outcomes.

### 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

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

### Higher Secondary Education in Biology-Maths

June 2019 to May 2021

Sethu Bhaskara Matric Higher Secondary School

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

## SKILLS ACQUIRED:

- **Programming:** C (Pro), Python (Intermediate), JavaScript (Intermediate), Matlab (Beginner)
- **Web Technologies:** HTML, CSS, React, Firebase, Git, GitHub, Azure
- **Microsoft Office:** Word, Excel, PowerPoint
- **Design Tools:** Figma, Canva, After Effects

## PROJECTS (HIGHLIGHT)

### Empowerkids

<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:** Data Analysis and Visualization, Programming and Software Development, Artificial intelligence.
- **Certifications:** Microsoft Certified: Azure Fundamentals, Azure AI Fundamentals, Google IT Support by Coursera, Google Data Analytics by Coursera.
- **Awards/Activities:** Third place in **"34th All India Essay Contest"** conducted by the Department of Atomic Energy with a prize of Rs. 15,000. **"Winner - Velammal Hackathon 1.0"** with a prize of Rs. 5000.
- **References:** Dr. K. Boopathi, Director & Division Head of WRA from National Institute of Wind Energy, boopathi@niwe.res.in, +91 895248663.