SARAVANAKUMAR R

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SUMMARY

I am a highly motivated and enthusiastic individual with a strong foundation in technology and a passion for making a positive impact, my career objective is to leverage my unique personality factors, technical skills, and diverse experiences to excel in a dynamic and challenging work environment.

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 Honors)
- 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: 87.5% (Physics, Chemistry, Biology, Maths, English, Tamil)

SKILLS ACQUIRED:

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

PROJECTS DONE (HIGHLIGHT):

- **Radiation Dose Calculator** - A simple application that calculates radiation dose based on exposure time, distance from the source, and other relevant factors.

ADDITIONAL INFORMATION

- **Subject of Interest**: Data Analysis and Visualization, Programming and Software Development, Power Plant Operations and Maintenance, Artificial intelligence.
- **Certifications:** Microsoft Certified: Azure Fundamentals, Azure AI Fundamentals, Google IT Support by Coursera, Google Data Analytics by Coursera
- **Awards/Activities:** ·Has received THIRD place in the "34th All India Essay Contest" conducted by the Department of Atomic Energy on 28th October 2022.
- **References**: Dr. K. Boopathi, Director & Division Head of WRA from National Instiue of Wind Energy, boopathi@niwe.res.in, +91 895248663