



CAREER OBJECTIVE

My strong foundation in C drives my dedication to learning, collaborating across teams, and conquering challenges for both personal and organizational growth of your Technologies.

AREA OF INTEREST

- Python Programming
- Digital Electronics

TECHNICAL SKILLS

- Ansys Hfss
- MATLAB

HARD SKILLS

- C
- C++
- Java
- Python

SOFT SKILLS

- Problem Solving
- Leadership
- Communication

LANGUAGES

- English
- Tamil
- Japanese
- Hindi

VISHWA S

BE Electronics and Communication Engineering



9345190256



vishwa-s-b922b2242



<https://github.com/VishwaS554>



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EDUCATION

• M.Kumarasamy College of Engineering

- Bachelor of Engineering - BE Electronics and Communication Engineering (2021 - 2025)
- CGPA : 7.6 (Till 4th semester)

• Pushpalata Matriculation Higher Secondary School

- HSC (June 2020 - March 2021)
- Grade : 90%

• Pushpalata Matriculation Higher Secondary School

- SSLC(June 2020 - March 2021)
- Grade : 90%

PROJECTS

• Prolonged Preservation of Tomatoes Using the Evaporative Cooling Method

In this project, our team developed a sustainable and cost-effective technique to extend the shelf life of tomatoes. By harnessing the power of evaporative cooling, we successfully reduced food wastage and ensured the availability of fresh produce for longer periods.

• Rapid Detection of Virus using Microstrip Bio-Sensor

The aim of the project is to develop a fast, sensitive, and accurate method for detecting viruses in various samples. Microstrip bio-sensors are a type of biosensor that uses microstrip technology. These sensors offer several advantages, including rapid detection, high sensitivity, and potential for integration into portable devices.

PUBLICATIONS

- Jeyakumar, P., Vishwa, S., Prakash, V., Dinesh, P., Rajesh Ram, P., & Muthuchidambaranathan, P. (2023). **Long-short term memory based wideband beam tracking scheme for massive mimo systems**. Wireless Networks, 1-10.
- Arulkumar, V., Jeyakumar, P., Rajalakshmi, P., Subash, S., Pradeep, V., Vishwa, S., & Muthuchidambaranathan, P. P. (2023). **A Compact Metamaterial Loaded MIMO Antenna for Sub-6GHz 5G Applications**.

PATENTS

- Jeyakumar P., Jegadeesan S., Sachin Aravinth K., Vishwa S., Gokul SC., Shanjay RK. “**A Portable Test Kit For Virus Detection Using Micro Strip Cavity Resonator Biosensor**” Intellectual Property Republic of South Africa Journal, Design No. 2023/06780 dated February 28, 2024. (Granted)
- Jeyakumar P., Jegadeesan S., Vishwa S., Subash P., Sanjai B., Pradeep V., Shanjay RK., Sivaramakrishnan M., Subash S. “**A System for Preserving Tomatoes using Evapourative Cooling**” Intellectual Property India Journal, December 15, 2023, App No. 202341077648 dated November 15, 2023. (Published)
- Jeyakumar P., Jegadeesan S., Vishwa S., Subash P., Pradeep V., Subash S. “**A System for Organ Storage and a Method Thereof**” Intellectual Property India Journal, October 27, 2023, App No. 202341068512 dated October 12, 2023. (Published)
- Jeyakumar P., Jegadeesan S., Kamalesh S., Jagadeeshan V., Sanjai B., Vishwa S., Yuvaprabha B., Nikesh S., Subash P. “**Hazardous Gas Detection Kit Using Rf Communication For Sewage Workers**” Intellectual Property India Journal, March 29, 2024, App No. 202441019013 dated March 15, 2024. (Published)
- Jeyakumar P., Jegadeesan S., Kamalesh S., Jagadeeshan V., Arulmozhi B., Vishwa S., Sanjeevadarsh B. “**An Aerial Docking And Battery Swapping System For Vtol UAV**” Intellectual Property India Journal, April 5, 2024, App No. 202441024380 dated March 27, 2024. (Published)

AWARDS and ACHIEVEMENTS

- Won **First Prize** in **Global Product Development Ideathon ‘23** conducted by SRM College of Engineering.
- **First Runner up** in **National-level Intelligent Innovators Hackathon** hosted by Sri Eshwar College of Engineering.
- Successfully completed the **Japanese-Language Proficiency Test (N5)**.
- Successfully completed **Summer Internship** at National Institute of Technology (NIT), Trichy.

CO-CURRICULAR ACTIVITIES

- Presented a project “**Rapid Detection of Virus using Microstrip Bio-Sensor**” at Bannari Institute of Technology.
- Presented a project “**Smart Aquaculture Monitoring System**” at K.Ramakrishna College of Engineering.
- Presented a paper on “**Prolonged Preservation of Tomatoes Using the Evaporative Cooling Method**” at Kings Engineering College.
- Completed an internship in **Lyricalious - Learn with us** during the year 2022.
- Successfully completed **STEP training** with a grade of 8.
- Successfully completed the internship on **TechnoHacks EduTech** in the domain of **Machine learning**.
- Attended **workshop on Ansys Hfss** conducted by Vellore Institute of Technology.
- Won **Frist Prize in Quiz competition** conducted by K.Ramakrishna College of Engineering.
- **2nd Runner up** at District level Kho Kho Match.

EXTRA CURRICULAR ACTIVITIES

- A member of the Startup club.
- Treasure of IETE association of ECE Department.

PERSONAL INFORMATION

- Father's Name : Shunmuga Sundaram
- Date Of Birth : 05.05.2004
- Address for Communication : A-108, 14th Cross Street, Tirunelveli, Tamil Nadu, 627007.

DECLARATION

I here by declare that, the details and the information furnished are correct to the best of my belief and knowledge.

Date :

Signature

Place:

(Vishwa S)