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CUDDALORE, TAMIL NADU

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SWATHIKA K B

EDUCATION

K.RAMAKRISHNAN COLLEGE OF ENGINEERING

2021–2025 (Bachelor of Engineering)
Electronics and Communication
CGPA (Till 7th Sem) – 8.18

JOHN DEWEY MATRIC HR. SEC SCHOOL
May 2021 (HSC) – 80.56%

JOHN DEWEY MATRIC HR. SEC SCHOOL
May 2019 (SSLC) – 72.2%

SKILLS

- HTML
- CSS
- C Programming (Basics)
- Machine Learning
- Time Management
- Problem Solving

AREA OF INTEREST

- Web Development
- Generative AI

PORTFOLIO

https://swathikakb.github.io/MyPortfolio./

CERTIFICATIONS

- EDII Hackathon 2023–2024
- Completed IBM courses in AI, Journey to Cloud, Data Science, and Build Your First Chatbot.
- Completed the Fundamentals of HTML and CSS Programming
- Data Structure – C Programming – Python 3.x course in Skill Rack
- Completed badges from Haker rank on C programming and Problem Solvings
- MATLAB Onramp through Matworks
- Completed a course in Generative AI
- Achieved certification in Chess Competition

PROFILE

As a dedicated aspirant pursuing a Bachelor's degree, I am eager to leverage my academic foundation and hardworking mindset to contribute meaningfully to a progressive organization. I am committed to develop practical skills, innovative projects and grow professionally within a dynamic team environment.

INTERNSHIP

NLC INDIA LIMITED (AUG 2023)
TELECOMMUNICATION NETWORKING SYSTEMS

During my internship at NLC Limited, I gained and assisted in the installation, maintenance, and troubleshooting of networking infrastructure critical to the operations of the organization.

PACIFIC CREATION (OCT 2022 – JAN 2023)
WEB DEVELOPMENT

Completed an internship in the fields of web development and content writing, where I learnt basics of HTML and CSS and gained insight into the needs of the target audience.

WORKSHOPS

- Attended the ML/AI workshop in SSN College
- Attended the Robotics with Arduino in NIT College
- Attended on fundamentals of Website Design and Digital Marketing Course in Webspiron.

PRESENTATIONS

- Presented an idea on Medical Drone
- Presented an idea on Drowsy Driver Monitoring
- Presented an idea on Nanotechnology and secured 2nd place

PROJECT

- **MEDICAL DRONE IN EDII HACKATHON**

Description: The medical drone project uses UAVs to deliver critical medical supplies like vaccines and medications to remote or disaster-hit areas. It ensures fast, reliable, and cost-effective healthcare delivery while maintaining supply quality.

- **SPEECH TO SIGN LANGUAGE USING AVATARS**

Description: An AI-enabled system converts speech to sign language and vice versa using animated avatars, bridging communication gaps for deaf and dumb people, enhancing accessibility and inclusivity.

LANGUAGES KNOWN

- English
- Tamil
- Kannadam