SWETHA S

Student (Pre-Final Year)

Pursuing Bachelor of Engineering Electronics and Instrumentation with minors in Artificial Intelligence and Data Science at R.M.K Engineering College. Self motivated learner with insatiable curiosity who drive for personal and professional growth. Intent learner, Creative Thinker, Problem Solver, Competitive Programmer.

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EDUCATION

B.E Electronics and Instrumentation Engineering
R.M.K Engineering College, Thiruvallur, Tamil Nadu.
10/2021 - Present   *CGPA : 9.34 (till 4th semester)*

CBSE Class 12
G.R. Thangamaligai Mahalakshmi Vivekananda Vidyalaya Junior College, Chennai, Tamil Nadu.
04/2020 - 07/2021   *12th - 91.8% (459/500)*

CBSE Class 10
G.R. Thangamaligai Mahalakshmi Vivekananda Vidyalaya Junior College, Chennai, Tamil Nadu.
04/2018 - 05/2019   *10th - 92.4% (462/500)*

FEATURED PROJECTS

Face Recognition Based Attendance System with Firebase
- Face Recognition Attendance System implemented using computer vision is integrated with Firebase, utilizing its cloud storage capabilities for secure attendance record management. Demo Link

Learnly - An E-learning Website
- E-learning app built for All India Women Only Hackathon 2023 organized by Shooting Stars Foundation. Demo Link

Full Stack CRUD Application using React and SpringBoot
- To Perform CRUD Operations. Developed as a part of Java Full Stack Internship in Brainovision Solutions India Pvt. Ltd. Demo Link

LED Control using OpenCV
- Hand tracking application recognizes hand gestures and translates them to commands to control LEDs. Demo Link

Voice News AI Application
- A React App that converts the voice commands to real time news updates. Demo Link

Hand Gesture Controlled presentation using OpenCV
- The project detects hand movements in real time allowing users to control presentations through intuitive hand gestures. Demo Link

AI Image Generation App
- A full-stack MERN application that infuses the power of AI to generate captivating images. Demo Link

WORK EXPERIENCE

Full-Stack Java Intern
Brainovision Solutions India Pvt. Ltd.
06/2023 - 08/2023
Certificate Link
Task
- To Develop a Full Stack CRUD Application using React and SpringBoot. Demo Link

SKILLS

C Python Java SQL HTML CSS JavaScript React JDBC Django Firebase Data Structures C++ Tensorflow OpenCV Git and Github ProblemSolving SpringBoot

ACHIEVEMENTS

Top Performer NeoCodeathon October Edition 2023 (10/2023)
NeoCodeathon, an esteemed All India Coding Contest hosted by NeoPAT, I have been recognized as the TOP PERFORMER for scoring more than 90%. Certificate

Solved 4000+ programs on SkillRack
One among top 300 Challenges solved users with Overall Rank of 57. Profile

Google Girl Hackathon Top 2.5% (06/2023) ⬈
Participated in Ideathon Round of Google Girl Hackathon.

All India Women Only Hackathon 2023 Finalist (08/2023)
Organized by Shooting Stars Foundation. Developed an E-learning website using PHP and MySQL. Certificate Link

Published a paper titled Hand Gesture Controlled presentation using OpenCV and MediaPipe (08/2023) ⬈
International Journal of Engineering Technology and Management Sciences, Tamilnadu, India. Certificate Link

Secured All India Rank - 29 in Women's Coding Championship Organized by Coding Ninjas. ⬈

CERTIFICATIONS

Deep Learning - Internshala ⬈

AMCAT - Certificates ⬈

Artificial Intelligence Primer Certification - Infosys Springboard ⬈

LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

AREA OF INTEREST

Software Development Web Development Machine Learning Artificial Intelligence