SARANYA GURUVAYURAPPAN

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CAREER OBJECTIVE

Passionate Computer Science Engineering student seeking a dynamic role in the field of software development where I can leverage my skills, fuel my passion, and contribute to innovative projects. Excited to grow both professionally and alongside the company, fostering a collaborative and innovative work environment.

TECHNICAL SKILLS

- Languages – Java | Python | C | MySQL | R | Dart
- Tools - VS - Code | Jupyter | GitHub
- Core Concepts – Data Structures and Algorithms | OOPS

EDUCATION

COURSE	INSTITUTION	YEAR OF PASSING	PERCENTAGE
B.E Computer Science and Engineering	Nehru Institute of Engineering and Technology	*2025*	8.17 CGPA
Higher Secondary	Amrita Vidyalayam, Ettimadai CBSE Board	*2020*	89.4 %
Secondary	Amrita Vidyalayam, Ettimadai CBSE Board	*2019*	95.6 %

PROJECTS

VISIONARY NAVIGATION CANE

NEWGEN IEDC
Jun 2023 – Present

Description:
Developing an advanced walking stick for the visually impaired, the Visionary Navigation Cane integrates features such as face recognition, emotion detection, GPS tracking, and wireless communication using Bluetooth

Technologies Used:
Machine Learning (ML), Deep Learning (DL), Raspberry Pi

Learnings:
Gained expertise in ML, DL, and IoT technologies, focusing on designing assistive technologies for the visually impaired.

AUTOMATIC DRUG DISPENSER

NIET, Sep 2023

Description:
"AyushMed Auto Dispenser" addresses hospital queue challenges, the Automatic Drug Dispenser streamlines medicine collection through QR code generation via an Android application. It incorporates efficient mechanical mechanisms to optimize the process and ensure accurate dispensing.

Technologies:
MIT App Inverter, Android Studio, NodeMCU

Learnings:
Acquired skills in IoT, Android app development, and innovative problem-solving for healthcare sector.

INTERNSHIP

DATA ENGINEERING VIRTUAL INTERNSHIP *Sep 2023 – Nov 2023*
Supported by AWS academy and Offered by AICTE & Eduskills Foundations

During this internship, gained knowledge and hands on experience in Data Engineering tasks, tools, and strategies that are used to collect, store, prepare, analyse, and visualize data for use in analytics and machine learning (ML) applications. Explored the use cases from real-world applications, which will enable to make informed decisions while building data pipelines for their particular applications.

CERTIFICATIONS [Certificate link]

- Foundations of R Software- Elite-Gold NPTEL Certification
- Microsoft Office Fundamentals.
- Fundamentals of Digital Marketing by Google
- Data Engineering by AWS
- Front End Development – HTML and CSS from Great learning
- JavaScript from GUVI – Google for education Partner
- Business English Certificate Preliminary with Merit by Cambridge Assessment English.

PRACTICING PLATFORMS

- Leetcode: https://leetcode.com/Saranya_G_243/
- Unstop: https://unstop.com/u/sarangur32

WORKSHOPS AND SEMINARS

- Presented paper entitled Review of Emerging trends of nanotechnology for non-linear optical applications in the CSIR sponsored two days National level Conference.
- SERB Sponsored 5 days workshop on Advanced Data Engineering and Business and Business Analytics and its Applications.
- Hands on workshop on Full stack Developer Introduction Tools by Imarticus Learning.

ACHIEVEMENTS

- Winner of Smart India Hackathon 2023 [Hardware Edition] received a cash prize of Rs 1,00,000 held at Manipal Institute of Technology, Karnataka.
- Winner of Women Hackathon 2024 conducted by TN government and received a cash prize of Rs 1,00,000 held at Kalaingar Karunanidhi Institute of Technology, Coimbatore
- Received grant of rupees Rs 2,00,000 NGI-NewGen IEDC (2023-2024) for the product Visionary Navigation Cane.
- Second runner up in Amrita National Science Olympiad 2019 for the project Smart Pollution Management at Amrita School of Engineering, Coimbatore campus.

PERSONAL PROFILE

Full Name	Saranya G
D/O	Guruvayurappan S – Latha S
Date of Birth	02-04-2003
Address	8/45 A, Anna Nagar, B.K.Pudur, Kuniyamuthur, Coimbatore - 641 008

DECLARATION

I declare the above furnished details are true to the best of my knowledge.

Place:

Date :

Signature