SARANYA GURUVAYURAPPAN

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in linkedin.com/in/saranya-g-950069243 | ⏻https://github.com/Saranya-gl

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.

EDUCATION

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

TECHNICAL SKILLS

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

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

PROJECTS

Title: VISIONARY NAVIGATION CANE
Place: NEWGEN IEDC
Period: 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.

Title: AUTOMATIC DRUG DISPENSER
Place: NIET
Period: 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 Used:
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
Supported by AWS academy and Offered by AICTE & Eduskills Foundations
Period: Sep 2023 – Nov 2023
Learnings:
Acquired expertise in Data Engineering tasks, tools, and strategies for collecting, storing, preparing, analysing, and visualizing data for analytics and machine learning. Explored real-world use cases to inform decision-making when constructing data pipelines for specific 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.

WORKSHOPS AND SEMINARS

- **Title:** IDE Bootcamp: 5-day Bootcamp on Innovation Design and Entrepreneurship organized by AICTE, MoE Innovation Cell and Wadhwani foundation
  Period: Jan, 2024
- **Title:** Advanced Data Engineering and Business and Business Analytics and its Applications [SERB]
  Period: Oct, 2023
- **Title:** Workshop on Full stack Developer Introduction Tools by Imarticus Learning.
  Period: Sep, 2023
- **Title:** Presented paper entitled Review of Emerging trends of nanotechnology for non-linear optical applications: CSIR sponsored two days National level Conference.
  Period: Dec, 2021

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.
- 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

D/O	Guruvayurappan S – Latha G
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:

(Saranya G)