LOGADARSHANA K

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○ https://github.com/Logadarshana

Education

Degree/Certificate	Institute	CGPA/Percentage	Year
B.Tech	VIT	**8.68**	2021-Present
Senior Secondary	SISHA SCHOOL CBSE	**92%**	2021
Secondary	SISHA SCHOOL CBSE	**94%**	2019

Experience

- **BOSCH RBAI, Bengaluru** *Aug 2023 - Sep 2023*
  Project Intern
  – **Project name: Lead time tracking**
  – Created an automated report for tracking lead time utilizing **Power Query**, which involved analyzing and enhancing lead time in the product development processes within the Sample Shop department.
  – The outcomes are subsequently presented in the form of a **Power BI** dashboard.

- **TVS MOTORS, Hosur** *Dec 2023*
  Project Intern
  – **Project name 1 : Validation of Painshop Dashboard**
  – I familiarized myself with the complete process of manufacturing paint shop products, and I verified the data in the paint shop dashboard by comparing it to the backend data in **MYSQL**.
  – Identifying errors, I validated the information, and upon my approval, it was subsequently transferred to production**.**
  – **Project name 2 : Trend chart in Exception Dashboard**
  – I created a trend chart showcasing the number of exceptions handled throughout the entire fiscal year, utilizing **Angular**, **HTML**, **CSS**, and **Node.js**.
  – I retrieved all the backend data from **MYSQL** and made adjustments to the **API** for code execution.

Projects

- **Precision Agriculture method implementing IOT** *Dec. 2023*
  VIT Vellore
  – This project addresses Sustainable Development Goal 2 (**Zero Hunger**) and aims to combat hunger through the implementation of "Precision Agriculture," a sustainable farming method. The goal is to generate larger quantities of nutritious produce at reduced costs.
  – By employing **soil moisture**, **humidity**, and **temperature sensors**, we managed to assess the variables influencing crop growth, including soil moisture, humidity, and temperature. Through configuring the sensors to reflect the optimal conditions for crop growth, DC motors will activate to irrigate the entire field when conditions meet the set ideal values. Conversely, the motors will remain off when conditions deviate from the desired parameters.
  – This project was presented at the **IEEE-SPS** Chapter event titled "Green Horizon."

Skills

- **Programming**: Python, Java, HTML/CSS ,SQL(Beginner), Embedded C (Beginner), R programming(Beginner), Angular(Beginner)
- **Hardware Languages**: Verilog, Microprocessor Assembly Program
- **Professional**: Poke Yoke, Working Instruction Writing, Problem solving technique: 8D, A3 model, Product Portfolio
- **Operating Systems:** Windows

- **Non Technical**: Team &Project Management, Technical Analysis, Problem solving, Content/blog writing, Graphic designing, Time management
- **Tools:** MATLAB, Tinkercad, Spice simulation tools(Cadence Virtuoso, PSpice, LTSpice), keil u vision
- **Software:** MS Excel, MS Powerpoint, Power BI, Power Query, MYSQL

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Calculus, Random Processes , Probability & Statistics
- **Value added course**: Internet of Things
- **Online Course**: **NPTEL**- Entreprenuership (**79%**)

LANGUAGES

- English ★★★★★
- Hindi ★★★★
- Tamil ★★★★★
- Kannada ★★★

POSITIONS OF RESPONSIBILITY

- **EDITORIAL HEAD**, IEEE-SPS Chapter, VIT Vellore   *Jan. 2024- present*
  - In my role as the Editorial Domain head of the chapter, my team handles all editorial tasks for the chapter.
  - I have served as a host and organizer for numerous events like Streaming signals, CASA:drug abuse, Loging into Verilog.
  - Skills learnt: Leadership, Team Management, Public Speaking, Content/Blog Writing

ACHIEVEMENTS

- RAJAPURSKAR AWARD BY GOVERNOR OF TN   *2017*
- Gold Medal in SilverZone Science Olympiad   *2018*

EXTRACURRICULARS

- **Senior Core Member** of Centre of Social Entreprenuership
- **Core Member** of Tamil Literary Association
- **Core Member** of Nature Lovers Club
- **Senior Core Member** of Institution of Electronics and Telecommunication Engineering

REFERENCES

- **SS Saravanamoorthy**
  Deputy General Manager of Purchase, TVS Motors
  Contact no: 8220009370
- **Dr.E.Konguvel**
  Professor Senior Academic Grade, VIT Vellore