

# Gurushik L J

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## Education

- Vellore Institute of Technology** Chennai, India  
*Bachelor of Technology – Electronics and Communications; GPA: 8.19* Jul 2021 - Jun 2025  
*Courses:* Python, Java, Internet of Technology, Analysis, Embedded C, Operating Systems
- Velammal vidhyashram surapet** Chennai, India  
*Senior Secondary School - Science; Percentage: 86* Apr 2019- Apr 2021  
*Courses:* Physics, Chemistry, Mathematics

## Skills Summary

- Languages:** JAVA, C, Python, JavaScript, SQL
- Frameworks:** Scikit, TensorFlow, Flask, Django, Spring Boot React JS, Tailwind, Framer Motion,
- Tools:** GIT, MySQL, Canva, Photoshop
- Platforms:** Linux, Web, Windows, Arduino
- Soft Skills:** Leadership, Communications, Event Management, Time Management

## Experience

- Almagix- Jumpstart Ninja** Hybrid  
*Web Developer (Internship)* Sept 2023 – Dec 2023
  - Responsible for the Designing and Developing the main HOME page – The Almagix.
  - Working on designing web pages for blogs.
- Tata Consultancy Services (TCS)** Hybrid  
*Data Engineer(Internship)* Mar 2025 – April 2025
  - Developed and integrated an efficient data pipeline to support business intelligence and decision-making.
  - Integrated AI to automate the workflow and boost processing speed.

## Projects

- Highly Directional Parametric Speaker with Head Tracking (Embedded, Multi Module System with ESP32-CAM, Arduino, Ultrasonic Array):** directional parametric speaker that tracks a person's head using vision and beams audio via ultrasonic transducers using AM modulation, controlled by ESP32-CAM and Arduino. (May '24)
- AI Powered PIN with face Recognitions for the Blind (AI, Gemini APIs, Flask, Arduino):** Wearable AI device that uses Gemini API to provide surrounding details and Recognize known faces using ESP32 Cam. Tech: Python, Flask, Arduino, Firebase, face recognition module. (Aug '23)
- Personal Portfolio Webpage (React, Web Development):** My own portfolio as Webpage to highlight my work through a visually appealing UI using Framer Motion Tech: HTML, CSS, JavaScript, React Js, Tailwind, Framer Motion. ( Jan'24)
- Folio (Web App, AI Recommendation System, Chatbot):** Book recommendation app with custom reading lists, search filters, and an interactive chatbot for suggestions and sentiment analysis with Machine Learning. (Feb '24)

## Roles of Responsibilities

- Business Innovation Community - VIT Chennai**  
*Product Development lead* Mar 2023 – Mar 2024
  - Led a team of 5 members.
  - Conducted several Analysis of a potential AI based Product for Documentations.*Designer* Mar 2023 - Present
  - Designed aesthetically pleasing posters for blogs and news related to business.
  - Designed logos, posters for several cultural events.

## Certifications and Awards

- Programming language and Tools of Data Science – VIT Chennai
- Java Explorer Badge
- python data structures and algorithms – LinkedIn Learning
- Developer Virtual Experience Program – Accenture

## Achievements

- Honorable Mentions in Cookoff Code Athon.
- I took part in the Capture the Flag event at vit Chennai.

## Volunteer Experience

- Volunteering Work at Blind Chess Competition** Chennai, India  
*Helped the blind chess Champs to guide through the event conducted by Velammal schools.* Apr 2019