Sharanya Giri

Roll No.:21BEC1666
B.Tech
Electronics and Communication Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (ECE)	Vellore Institute of Technology, Chennai	9.17	2021-2025
Senior Secondary	CBSE Board	95.2%	2021
Secondary	CBSE Board	96.8%	2019

TECHNICAL SKILLS

- **Programming:** Python(Intermediate), R(Intermediate), MATLAB(Intermediate), Verilog(Intermediate), Machine Language (8051, 8086) (Intermediate), CPP (Beginner), Tinkercad(Beginner), Elixir(Beginner)
- **Tools & OS:** LTSpice, Keil uVision, Arduino IDE, Google Colab, Windows, Linux(Ubuntu), Pelican, LaTeX
- **Web Skills:** HTML(Intermediate), CSS(Beginner)
- **Operating Systems** Windows(Intermediate), Linux(Beginner)
- **Other Skills:** Graphic designing

EXPERIENCE

- **Women Engineers** *Mar 2022 - Oct 2024*
  Trainee Remote
  – Selected for a two-year experiential program along with 220 women engineering students from 27,000 applicants all over India. It is conducted by TalentSprint in collaboration with Google.

PROJECTS

- **Underwater Image Processing Research Project** *Feb. 2023 - ongoing*
  Developing an algorithm for processing underwater images.
  – **Tools & technologies used**: Python, Matlab

- **VANI** *Dec. 2022 - ongoing*
  Developing a voice-controlled app that controls electrical home appliances in a team of three
  – **Tools & technologies used**: C++, Python, Spyder, Tinkercad

- **Most Popular Video Game** *Nov. 2022*
  Using R to analyse data and find out the most popular video game and the most popular genre.
  – **Tools & technologies used**: RStudio

- **Bank Management System** *Dec. 2020 - Mar. 2021*
  Managing bank accounts of customers and displaying current balance in the account.

KEY COURSES TAKEN

- MySQL, Web Development, CPP, Introduction to Data Science, Introduction to IoT

POSITIONS OF RESPONSIBILITY

- **Designer,** Vibrance'23 Editorial Team, VIT Chennai *Present*
- **Content Writer, Designer,** Girl Up, VIT Chennai *Present*
- **Content Creator,** The Designers Club, VIT Chennai *Present*

ACHIEVEMENTS

- **Received Scholarship from Google under Women Engineers Program.** *2022-2024*
- **Received Blue Blazer Award by Delhi Public School Ruby Park, Kolkata.** *2018*
- **Received Special Attendance Award for 100% attendance for 5 consecutive years.** *2018*

CERTIFICATIONS

- 2-day Workshop on using LaTeX
- Top Engineers Certification on Arduino programming and Introduction to IoT
- 2-day Workshop on Underwater Robotics
- NPTEL Certification on Introduction to IoT
- Coursera Certification in Working With Data Science