

SRUSHTI D



srush.hebbar@gmail.com



8310139687



Bengaluru, Karnataka



www.linkedin.com/in/srushti-d-
00713124a

PROFILE

An enthusiastic Electronics and Instrumentation Engineering student with a strong interest in embedded systems and VLSI design. Known for strong analytical and problem-solving skills, with a key strength in project management. Actively serving as a Student Placement Coordinator, demonstrating leadership and communication. Showcases strong organizational skills and an ability to prioritize tasks, ensuring the punctual completion of projects.

KEY SKILLS

- Hands-on experience with microcontroller programming
- MS Excel, MS Word and MS PowerPoint.
- Hands-on experience with basic PCB Design using DipTrace
- Basic proficiency in C, Python, MATLAB, and Verilog
- Hands-on experience with Arduino-based embedded systems
- Familiar with VLSI design concepts and RTL-to-GDS workflows

SOFT SKILLS

- Analytical thinking & attention to detail
- Team work
- Effective communication
- Problem solving
- Time management

ACADEMIC OVERVIEW

Bachelors of Engineering in Electronics and Instrumentation

JSS Academy of Technical Education, Bengaluru
Dec 2022 - Present | CGPA 8.99

Higher Secondary Education in Science (PCME)

Vidya Mandir Independent Pre-university College
Completed in 2022 | 87.20%

Secondary Education (Class 10)

Sri Vidya Mandir Education Society
Completed in 2020 | 97.44%

CERTIFICATIONS

Career Essentials in Project Management

Microsoft and LinkedIn | Completed in April 2025

VLSI Design Flow : RTL to GDS

NPTEL Swayam (IIIT Delhi) | Completed in Oct 2024

Project Management Primer

Infosys Springboard | Completed in Dec 2023

Strategy Formation and Data Visualization

IIT Madras | Completed in July 2023

OTHER INFO

- Completed certifications in Responsive Web Design (HTML, CSS, responsive layouts, accessibility) in freeCodeCamp
- Completed certifications in Python Fundamentals (syntax, data types, problem-solving) in GreatLearning
- Participated in workshop on PCB Designing (technical skills, hands-on projects) by Inovact.
- Participated in workshop on NanoSatellite Technology by Valles Marineris International Pvt Ltd and JSS S&TU.

PROJECTS

Visibility Measurement in Foggy Areas

JSS Academy of Technical Education | Mar 2025 - Apr 2025

Developed a MATLAB-based system to estimate visibility in foggy environments using digital image processing techniques. Applied image enhancement and analysis algorithms to extract meaningful data from foggy images for accurate visibility assessment.

Skills: MATLAB, Problem solving

Smart Bridge System for Flood condition

JSS Academy of Technical Education | Nov 2024 - Dec 2024

Built an automated bridge system that detects flooding using moisture sensors and adjusts the bridge height dynamically to maintain safe passage.

Skills: Embedded C, Microcontroller programming, Problem solving, Team collaboration

Gesture controlled robotic car

JSS Academy of Technical Education | Nov 2024 - Dec 2024

Developed a robotic car controlled by hand gestures detected through flex sensors, with data transmitted via wireless transceivers and processed by an Arduino Nano for real-time motion control.

Skills: Embedded C, Problem solving, Team collaboration

Bluetooth Controlled Pick and Place Robotic car

JSS Academy of Technical Education | May 2024 - July 2024

Designed and developed a mobile robotic system that can be wirelessly controlled via smartphone using Bluetooth to navigate and operate a robotic arm for object handling.

Skills: Embedded C, Team collaboration