

# Amogh S Hegde

Student

I am a dedicated and results-oriented student. I have honed my skills through various experiences and am eager to leverage my expertise to contribute significantly to future projects and teams. My commitment to excellence, problem-solving abilities, and adaptability are qualities I take pride in that enable me to thrive in dynamic environments

 [hegdeamogh5@gmail.com](mailto:hegdeamogh5@gmail.com)

 9110832967

 Bengaluru, India

 [linkedin.com/in/amg124](https://www.linkedin.com/in/amg124)

## CERTIFICATIONS

### CS50: Introduction to Computer Science Harvard University

03/2023 - 05/2023

Completed an intensive course covering algorithms, data structures, memory management, web development, and software engineering using C, Python, SQL, HTML, CSS, and JavaScript. Developed problem-solving and programming skills through hands-on projects.

### Data Visualisation: Empowering Business with Effective Insights TATA

04/2025

Worked on data analysis and visualization projects using tools like Excel, PowerBI. Gained hands-on experience in presenting insights through dashboards and storytelling with data.

### Data Science with Python Infosys SpringBoard

04/2025

Successfully completed a structured Data Science learning program on Infosys Springboard. Gained hands-on experience with Python for data analysis, visualization, and machine learning. Developed skills in using libraries like pandas, NumPy, matplotlib, and scikit-learn. Worked on real-world datasets, and strengthened problem-solving abilities through assignments and projects.

## EDUCATION

### Bachelor of Engineering - Robotics and Automation

JSS Academy of Technical Education,  
Bangalore-560060

06/2022 - Present

7.92

### Pre-University

RNS P.U College, Bangalore-560098

06/2020 - 05/2022

90%

### X Standard

Sri Jnanakshi Vidyaniketan

05/2008 - 05/2020

91.8%

## SKILLS

C

C++

Python

HTML

SQL

ROS

PowerBI

Autodesk Fusion 360

## PERSONAL PROJECTS

### Micromouse

- Designed and Developed a micromouse robot capable of autonomously navigating mazes. Integrated sensors, microcontrollers, and actuators, while implementing efficient pathfinding algorithms to optimize traversal speed and accuracy.
- Participated in Technoxian Competition, Noida
- Participated in Christ University

### Robot Simulation

- Created a robot simulation compatible with ABB and FANUC robotic arms for pick-and-place operations, focusing on precise motion planning, gripper control, and task automation in a virtual environment.

## LANGUAGES

### English

Full Professional Proficiency

### Kannada

Native or Bilingual Proficiency

### Hindi

Full Professional Proficiency

### Sanskrit

Professional Working Proficiency

## INTERESTS

Badminton

Marathons

Photography