ASPIRING SOFTWARE ENGINNERING

VARSHA S

I am a motivated and enthusiastic computer science graduate with a strong foundation in Python, data structures, and programming fundamentals. I have a keen interest in problem-solving, clean coding practices, and software development. I am constantly improving my skills through continuous learning and coding challenges. With a strong understanding of version control tools like GitLab and a mindset geared towards collaboration and growth, I am eager to contribute meaningfully to a dynamic and innovative tech team.

ABOUT

Aspiring Software Developer with a strong foundation in Python, data structures, and real-world project experience. Passionate about building practical solutions through code — from interactive websites to sensor-based systems. Eager to contribute, learn, and grow in a dynamic tech environment.

EXPERTISE

Skill N.1 - Python Programming

Skill N.2 - Data Structures

Skill N.3 - algorithms Design

Skill N.4 - Full stack development

Skill N.5 - API Integration Basics

Skill N.6 - Version Control Systems

LANGUAGE

English	———	Fluent
Tamil	———	Native
Hindi	———	Fluent

CONTACTS

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PROJECTS

PROJECTS

SOFTWARE DEVELOMEMNT SYSTEM

- • Autonomous Robot Mapping with ROS and Turtle Bot using SLAM (Simultaneous Localization and Mapping)
- • Vision-Guided Robot using ROS and Open CV for Real-Time Object Detection and Motion Control
- • Demonstrates ROS Node Communication (Publisher ↔ Subscriber)
- • TurtleSim Game: Pong, Snake, or Drawing

FULL STACK DEVELOPMENT

- • Coordinated with multiple departments to lead a software product Responsive Personal Portfolio Website with Downloadable Resume and Contact Form Integration
- • Brain Blitz: Interactive Brain Game Web App for Kids with Score Tracking and Dynamic UI
- • Modern E-Commerce Frontend Clone with Product Listing, Filtering, and Responsive Cart UI
- • Event Booking and Management Platform with Calendar Integration and Admin Dashboard

TECHNOLOGY

- Git / Github ,
- AWS ,
- Linux ,
- Windows ,
- ROS
- VSCode ,
- Machine Learning ,
- Artificial Intelligence ,
- Automation

VARSHA S

EDUCATION

SAVEETHA SCHOOL OF ENGINNERING ,SIMATS   2022 - 2026
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

JAWAHAR MATRIC HR SEC SCHOOL   2022
12TH GRADE , NEYVELI
PERCENTAGE : 84%

SKILLS
PROGRAMMING

3+ years:

Python, C , Java , API

2+ years:

Html, CSS ,PHP , JavaScript, DBMS

1+ years:

Matlab , SQL , Bash , JSON , XML

SOFT SKILLS

• Team Collaboration

• Critical Thinking

•Adaptability Communication

• Better Communication

COURSEWORK
GRADUATE

Analysis of Algorithms

UNDERGRADUATE

Artificial Intelligence
AI Robotics Operating Systems I
Data Analysis I

ACHIEVEMENTS & CERTIFICATIONS

• 50+ Udemy Online course certification

• 20+ Great Learning online course certification

• Certificates in Mind Luster on AI, PowerBI, Python, Data science

• AWS certificates inn Python programming and Full stack development

• Created scripts to automate common tasks and increase productivity.

REFERENCES AND LINKS

https://github.com/192210247

https://www.linkedin.com/in/varshasubramanian/

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https://leetcode.com/u/s-varsha/