S. Varsha

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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
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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

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.

LANGUAGES

- English
- Tamil
- Hindi
- Japanese

SOFT SKILLS

- Team Collaboration
- Critical Thinking
- Adaptability and Communication
- Better Communication

ACADEMIC ACHIVEMENT

- Hack Infinity Hackaton(World Record)co-ordinator /Participant
- Cordinates Technical Workshop in SIMATS
- Published Projects On Github

EDUCATION

SAVEETHA SCHOOL OF ENGINNERING ,SIMATS
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE
YEAR 2022 - 2026
CGPA: 8.7

JAWAHAR MATRIC HR SEC SCHOOL
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

TECHNOLOGY

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

COURSEWORK

GRADUATE
Analysis of Algorithms

UNDERGRADUATE
Artificial Intelligence
AI Robotics
Operating Systems I
Data Analysis I

LINKS

https://github.com/192210247

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

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