SOHAN DAS

STUDENT

EDUCATION

VIT UNIVERSITY
Vellore, Tamil Nadu, India

BTECH in Electrical and Electronics Engineering
2020-2024
Score: 8.46

SATISH CHANDRA MEMORIAL SCHOOL
Chakdaha, West Bengal, India

2018-2020
Score: 87.6% (Senior Secondary School or Grade 12)

JULIEN DAY SCHOOL
Kalyani, West Bengal, India

2009-2018
Score: 87% (High School or Grade 10)

CHAKDAHA MODEL SCHOOL
Chakdaha, West Bengal, India

2005-2008
Early Education (LKG to Grade 1)

CONTACT

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Gourpara,Chakdaha,Nadia-741222
West Bengal,
India

LANGUAGE

- English
- Hindi
- Bengali
- Japanese (Basic)

WORK EXPERIENCE

- Worked as study internship in Automation Anywhere as RPA Developer (June 2022-July 2022).
- Teaching volunteer in Welfare Society (May 2023-July 2023).
- Teacher Volunteer in International Association of Lions Club (July 2024-December 2024).
- Developed a Stock Management System for Royal Enfield Chakdaha Showroom (November 2024-December 2024).

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SKILLS SUMMARY

- MATLAB/Simulink
- Arduino Programming
- JAVA
- Python
- C++
- R
- Embedded C
- HTML, CSS and JavaScript
- SQL
- ROS
- PCB Design

Research experience

- Made a Research paper titled Arm Motion Planning of Humanoid Robots and published in IJNRD.
- Made a Graduation Thesis on **Comparative Analysis of Deep Reinforcement Learning Algorithms for Vibration Suppression in Rotary Flexible Link Systems** during Jan 2024 to May 2024.

Notable Projects

- PIR BASED AUTOMATED SECURITY SYSTEM
- ELECTRIC VEHICLE BATTERY MANAGEMENT SYSTEM
- PULSE WIDTH MODULATOR
- OBSTACLE AVOIDANCE ROBOT
- FLOOR CLEANING ROBOT
- LIGHT CONTROL USING ARDUINO AND PYTHON
- TIC TAC TOE GAME
- SEMAPHORE COUNTING USING FREERTOS
- PATIENT HEALTH MONITORING SYSTEM