Sandip Karmakar

Indian | Male | 13th July 1994

77/42 Rammohan Place, P.O.: – Konnagar, P.S.: – Uttarpara,

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Looking for a position as an engineer as well as being a part of a team contributing to immediate challenges, grouporiented tasks where my skills will be optimally utilized.

Experience Details

Academic Experience

• Lecturer | Salbani Institute of Technology | 3rd Feb' 2020 – 12th May' 2023. Delivered lecture on Basic Electronics, Applied and Digital Electronics, Microprocessor, Microcontroller, and work on maintenance of Computer labs i.e., OS installation, Software Installation, LAN Installation and Networking

Industrial Experience

NA



Programming Languages: Python, C Programming, HTML, CSS, JavaScript

Software Skills : VS Code, Jupyter Notebook, Eclipse, Android Studio Code, Microsoft Office

Hardware Skills : Computer Hardware and Networking, Raspberrypi

Projects

- Analyses historical stock price data to identify trends and make investment decisions using Python, Numpy, Pandas,
 - o GitHub Link: https://github.com/rony-1307/stock-price-analysis
- > Design "Retail Store Management System" using Spring boot, Advance Java Programming
 - o GitHub Link: https://github.com/rony-1307/retailStoreManagement.git
- > Design "SPI Protocol," we design this project in Verilog code in Vivado platform. SPI (Serial Peripheral Interface) Protocol, it is a communication between Master and Slave, Master and Slave communicate through MOSI (Master Out Slave In) and MISO (Master Out Slave In), there have four mode it is working on the signal of CPOL and CPHA
- Design a webpage named "Electronics Lab Simulation Guide" using HTML, CSS, JAVA Script
 - o GitHub Link: https://github.com/rony-1307/Electronics-Lab-Simulation-Guide.git
- Automatic Unauthorized Parking Detector with SMS Notification using IOT, we use Raspberry Pi platform to implement this project with Python, SVM Classifier and Image Processing Aug' 2018 to May' 2019
- Wi-Fi Controlled Robo Car, we use Node MCU and Arduino to implement this project (Feb'19 April'19)
- Design of Secured Wireless Real Time Electronic Voting Machine for Data Acquisition, using Microcontroller AT89C51, and Keil C programming language (Aug'15 - May'16)

Educational Qualification

Degree	Institution	Trade	Board/Council	Year of Passing	Percentage/ DGPA
PG	Hadaynur University	Distributed & Mobile Computing	Jadavpur University	Ongoing expect 2025	Not Yet
1 I (÷	St, Thomas College of Engineering and Technology	Electronics and Communication Engineering	Maulana Abul Kalam Azad University of Technology	2019	7.05 (63%)
Diploma	Technique Polytechnic Institute	Electronics and Telecommunication Engineering	West Bengal State Council of Technical & Vocational Education & Skill Development	2016	7.7 (74.10 %)
12th Standard	_	Beng, Eng, Math, Phys, Chem, Bios, Enve	West Bengal Council of Higher Secondary Education	2013	55%
10th Standard	Uttarpara Amarendra Vidyapith	Beng, Eng, Math, Phy Sc, Life Sc, Hist, Geo	West Bengal Board of Secondary Education	2011	60.625%

Industrial Training

✓ Advance Data Science & Machine Learning | 7th July 2023 to Ongoing

Topstack | Chandan Nagar, Hooghly, West Bengal

✓ Advance Java and Java Spring Framework | 19th March 2022 to 2nd July 2022 Topstack | Chandan Nagar, Hooghly, West Bengal

✓ FPGA based VLSI Design | 29th March 2022 to 5th August 2022

Sandeepani School of Embedded System Design | Koramangala, Bangalore, Karnataka

- ✓ Advance Java and Java Spring Framework | 19th March 2022 to 2nd July 2022 Topstack | Chandan Nagar, Hooghly, West Bengal
- ✓ HTML, CSS, JAVA Script, Node JS, Mongo DB | 13th August 2021 to 30th December 2021 Topstack | Chandan Nagar, Hooghly, West Bengal



- ✓ Industrial Electronics, PLC, Microcontroller | 7th June 2018 to 23rd June 2018 G.E. Motors (Pvt.) Ltd. | Sheoraphuli, West Bengal
- ✓ Basic Television transmission system | 12th October 2015 to 16th October 2015 Praser Bharati, Doordarshan Kendra | Kolkata, West Bengal

Paper Publication

- ✓ Automatic Unauthorized Parking Detector with SMS Notification | DOI 10.17148/IARJSET.2019.6522
- ✓ Design of Secured Wireless Real Time Electronic Voting Machine | DOI 10.17148/IJIREEICE.2015.3907

Co-curricular Activities

- ✓ Summer Workshop on "Basics of Embedded System," at "St. Thomas' College of Engineering & Technology"
- ✓ Participated in the Technical Event 'INOVATIA' at College [St. Thomas College of Engineering and Technology]

Language Known

Language	Read	<u>Write</u>	Speak
Bengali	✓	✓	✓
English	✓	✓	✓
Hindi	×	×	✓

্ৰিষ্ট <u>Hobbies</u>

- o Painting
- o Swimming

Profile Links

LinkedIn: https://www.linkedin.com/in/sandip-karmakar-a0239692

GitHub : https://github.com/rony-1307

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge, and I take full responsibility for its correctness.