







Ratul Saha

Technical Graduate

CONTACT

 7047225121/ 9832127575
 Kolkata
 ratulsaha324@gmail.com
 [linkedin.com/in/ratulsaha1/](https://www.linkedin.com/in/ratulsaha1/)
 github.com/ratulsaha-dev
 hackerrank.com/ratulsaha1

TECHNICAL SKILLS

- Java
- C
- Python
- HTML
- CSS
- JS
- SQL

SOFT SKILLS

- Leadership
- Problem Solving
- Presentation
- Quick Learning

SOFTWARES

- VS Code
- IntelliJ
- Eclipse
- Notepad++
- Oracle
- MySQL

CERTIFICATIONS

- Java full stack - KodNest.
- Java, SQL– PrepInsta.
- Introduction to IoT & Embedded System – Coursera | University of California, Irvine.

HOBBIES

- Travelling
- Cooking
- Listening music

CAREER OBJECTIVE

A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

EDUCATION

YOP	College/School	Board /University	Specialization	CGPA /Percentage
2022	Narula Institute of Technology, Kolkata	MAKAUT	B.Tech in EIE	8.26
2018	Bira Ballavpara High School (12 th)	WBCHSE	Science	59
2016	Habra High School (10 th)	WBBSE		57.14

EXPERIENCE

Wizklub, Kolkata, India

Coding Instructor | July 2023- Oct 2023

Responsibilities:

- Conducted product demonstrations on recent technologies like Java, Python, SQL, HTML, CSS, Java Script, Robotics etc. for students, parents, and teachers to raise awareness of Wizklub's educational courses and make them aware of WizkLub Programs.
- Served as the Coding Instructor for the courses, ensuring students received a high-quality educational experience.
- Participated in regular training sessions on the recent technologies to stay up-to-date with company products and teaching methods.
- Participated in monthly basis tests for self-development and provided feedback to the company, contributing to the improvement of course materials and delivery.
- Involved in the WizLub portal development for a great user experience.

INTERNSHIPS

KodNest Technologies, Bangalore

Learning Internship | Feb 2023 – July 2023

Key Learnings:

- Gained proficiency in full-stack development, including Java, web technologies (HTML, CSS, JS), SQL, and Python.
- Worked on real-world projects, applying knowledge and skills acquired during the internship.
- Collaborated with a team of professionals, actively participating in a professional work environment.
- Demonstrated a commitment to continuous learning and self-improvement.

Defence Research Laboratory, DRDO , Assam

Internship Trainee | Feb 2021- APRIL 2021

Key Accomplishments:

- Conducted experimental research on projects utilizing specialized equipment and devices.
- Prepared detailed reports and documentation of research findings for review by scientists and senior researchers.
- Collaborated effectively with a team of researchers to meet project goals and deliver results within deadlines.

LANGUAGES KNOWN

- English
- Bengali
- Hindi

PROJECTS

Lucy – a humanoid Robot

Narula Institute of Technology | 2020

Technologies used:

Embedded Systems, IoT, Python & Machine Learning.

Roles & Responsibilities:

- Building of a humanoid eco-friendly robot which has the capacity of doing basic tasks, like interaction with human being and answering the questions through the database as well as the internet and monitoring through its camera.

Data Structure Visualizer using Swing

KodNest Technologies | 2023

Technology Used: Java

Roles & Responsibilities:

- Building of an interactive application using JFrame to generate quick answers of sorting just by one click, but using different algorithms.
- User can manipulate data, can push and pop and also can display the data just by one click.

GitHub link: <https://bit.ly/projectByRatul>

Turbo separator for waste management

Narula Institute of Technology | Final Year Project | 2022

Technology Used – BOSCH Instruments, Automation Studio

Description:

- Creation of an advanced Turbo Separator system for effective waste segregation and recycling, with the goal of fostering a sustainable society by minimizing unproductive materials and maximizing the reuse of valuable resources.

ACHEIVEMENTS AND PARTICIPATION

- Secured first position twice in Techno Management Fest (KRITANJ) | Project Track | 2020 & 2022
 - Secured third position in IIC Hackathon 2020
 - Secured first Position in online model making Competition | 2021
 - Conducted Robotics workshop in college for school students.
 - Awarded as college jewel for highest project competitions | 2022
-