

Ratul Saha

Technical Graduate

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.

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Experience

Coding Instructor at **WizkLub Learning Pvt Ltd.** Jul 2023 – Oct 2023

1. Led the creation and execution of courses and projects on contemporary technologies, such as Java, Python, HTML, CSS, and JavaScript, fostering an in-depth understanding among participants.
2. Served as a coding instructor at WizkLub, delivering high-quality instruction to enhance students' coding proficiency and overall learning experience.
3. Actively participated in ongoing training sessions to stay current with evolving technologies, ensuring a solid grasp of company products and methodologies.
4. Contributed to the development of WizLub projects, playing a key role in design, coding, and implementation, while collaborating with cross-functional teams for successful project execution.

Education

B. Tech in Electronics and Instrumentation Engineering

Narula Institute of Technology • Kolkata • 2022
Grade: 8.26 CGPA

Higher Secondary Examination

Bira Ballavpara High School • Bira • 2018

Secondary Examination

Habra High School • Habra • 2016

Relevant Projects

Data Structure Visualizer

KodNest • 2023

[Java Swings]

1. Using java swings technology for building up a creative desktop application.
2. Building of an interactive application using JFrame to generate quick answers of sorting just by one click but using different algorithms.
3. User can manipulate data, can push and pop and also can display the data just by one click.

Car Rental Systems

2023

[Java OOPS]

1. Using java oops concepts for creating the project.
2. Showing the availability of cars as well as showing the models for better experience.
3. Getting the user details for renting the cars.

Lucy – a humanoid robot

Narula Institute of Technology • 2020

[Embedded Systems, IoT, Python & Machine Learning]

1. Integrated embedded systems and IoT technologies, employed microcontroller-based control systems, and led the machine learning initiative to develop a sophisticated robot with seamless hardware integration, real-time data processing, and enhanced cognitive capabilities.
2. Engineered the robot using environmentally sustainable materials, showcasing a commitment to eco-friendly design, and enabled it to perform fundamental tasks efficiently.
3. Implemented natural language processing for intelligent human-robot interactions, leveraging both a pre-existing database and internet searches.

Skills

Programming Languages:

Backend: Java, C, Python

Frontend: SQL, HTML, CSS, JavaScript,

Database: SQL

Frameworks:

React JS, Spring, Spring Boot, Spring MVC, Hibernate,

Tools and Platforms:

Eclipse, IntelliJ Idea, VS Code, Anaconda, Docker, Maven, Git, GitHub, Oracle, MySQL, Windows, Linux

Methodologies:

Agile, SDLC

Coding Profiles

HackerRank:

hackerrank.com/profile/ratulsaha1

LeetCode:

leetcode.com/ratulsaha-dev/

Certifications

Java Full Stack Development • KodNest

Java, Python, HTML, CSS, JavaScript, SQL, Git and GitHub • PrepInsta

Java Spring Framework6 with Spring Boot3 • Coursera • Navin Reddy

Languages

English
Hindi
Bengali

Hobbies

Travelling
Cooking
Learning new languages