

RIPAN BAIDYA

+91 7980717584 ♦ Kolkata, India

ripanbaidya7980@gmail.com ♦ [LinkedIn](#) ♦ [GitHub](#) ♦ [LeetCode](#) ♦ [Portfolio](#)

EDUCATION

Bachelor of Computer Application, Dinabandhu Andrews Institute of Technology & Management 2022 – 2025
CGPA: 8.90

Class XII, Khanpur Hirendra Lal Sarkar High School
Percentage: 92.8%

2020 – 2022

SKILLS

- **Languages & Frameworks:** Java, Spring Boot, Microservices, C, C++, JavaScript
- **Databases & Tools:** PostgreSQL, MongoDB, GraphQL, RabbitMQ, Docker, Git, REST APIs
- **CS Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Design Patterns

EXPERIENCE

Java Developer Trainee

SHA Infotech Solution Pvt. Ltd.

July 2024 – August 2024

Kolkata, India

- Built a solution submission module for students to upload task progress links, enabling teachers to review submissions efficiently and improving overall user experience by **5%**.
- Configured an Oracle database instance and restored data from logical backups, improving system setup time and data availability by **30%**.

PROJECTS

FoodSphere [GitHub](#) | [Live](#)

November 2024

A scalable **food ordering web application** for restaurant-customer interaction, built using **Java, Spring Boot, PostgreSQL, React**.

- Implemented **JWT-based authentication and role-based authorization** for secure access control.
- Developed interactive UIs for customers to browse menus, add items to cart, and place orders seamlessly.
- Enabled restaurant owners to manage menus, update availability, and track incoming orders in real time.
- Built a responsive shopping cart system with dynamic price updates and a smooth checkout experience.
- Integrated **Stripe Payment Gateway** and deployed services on **Railway Cloud Infrastructure**.
- Designed a centralized admin panel to manage users, orders, restaurant listings, and delivery statuses.

AI-FitAdvisor [GitHub](#) | [Live](#)

April 2025

A scalable **fitness platform** offering AI-driven workout recommendations and activity tracking, built with **Spring Boot, PostgreSQL, MongoDB, Docker, RabbitMQ, Keycloak**, and **Microservice Architecture**.

- Secured user access via **Keycloak**-based authentication and role-based authorization.
- Developed and deployed modular **RESTful microservices** with **RabbitMQ** for asynchronous communication.
- Integrated **Gemini AI API** to generate real-time, personalized fitness plans and recommendations.

Sorting Visualizer [GitHub](#) | [Live](#)

January 2025

- Designed and developed an interactive Sorting Visualizer using **JavaScript, HTML**, and **CSS** to demonstrate sorting algorithms with real-time animations.
- Implemented multiple algorithms including **Merge Sort, Quick Sort, Bubble Sort**, and others, with user-controlled speed and array size settings.

ACHIEVEMENTS

- Solved **500+ problems** on [LeetCode](#).
- Secured **2nd Rank** in academics at Dinabandhu Andrews Institute of Technology & Management.
- Achieved **State Rank 39** in WBCHSE Class XII Board Examination.