

JOY KUMAR SARKAR

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EXPERIENCE

Trainee Programmer | ADA Software Re Engineering Services Pvt. Ltd.

Apr 2025 – Nov 2025

- Worked on a task management web application designed to manage clients, projects, tasks, deadlines, and performance ratings in an enterprise environment.
- Designed and developed RESTful APIs using ASP.NET Core Web API to support role-based access, task assignment, status tracking, and progress monitoring.
- Implemented backend logic using .NET Core, LINQ, and SQL Server and integrated APIs with React, Redux, and TypeScript frontend components for seamless data flow and responsive user experience.
- Tech Used : ASP.NET Core Web API, .NET Core, SQL Server, React, Redux, TypeScript

Internship : Oasis Infobyte (Remote)

August 2024 – September 2024

Built 3 functional and visually appealing websites for the organization.

[Certificate](#)

EDUCATION

Brainware University, Kolkata

Bachelor of Technology in Computer Science and Engineering

August 2020 – July 2024

8.52 CGPA

Alipurduar High School, Alipurduar

Class XII (WBCHSE)

June 2017 - March 2019

58.2% (2019)

KNOWLEDGE & SKILL SET

Concepts : Data Structures & Algorithm | OOPs | Operating Systems | Database Management Systems

Languages : C# | Java | Python | JavaScript | TypeScript

Tech Stack : ASP.NET Core Web API | .NET Core | EF Core | LINQ | React.js | Redux.js | Node.js | Next.js | FastAPI [with NumPy, Pandas]

Tools Used : VS Code | Visual Studio 2022 | SSMS | Oracle 11g | GitHub | Git | Netlify | Vercel | Postman

CERTIFICATIONS

- Apna College : DSA with Java | [Certificate](#)
- Scaler Topics : JavaScript | [Certificate](#)

PROJECTS

Student Management

[Github](#)

- Student Management is a modern webapp, where you can add, edit and delete a student details. You can also add, edit and delete subject wise marks of a student.
- Tech Used : .NET Core, SQL Server, React, Redux, TypeScript, Tailwind CSS, MUI

linkora

[Github](#) | [Website](#)

- linkora is a social media webapp with features like account creation, user interactions (posts, likes, comments), a personalized newsfeed based on favorite tags, efficient user search, and real-time 1v1 and group chat functionality.
- Tech Used : Next.js, ShadCn, Prisma, Lucia, PostgreSQL, Stream, Zod, Tiptap

Bike Rental Corner

[Github](#)

- A simple console-based bike rental system implemented in Java. This project allows customers to rent and return bikes while calculating rental prices based on the duration of the rental.
- Tech Used : Java

ACHIEVEMENTS

- 2nd Position in an Event of "Current Vision of Engineers", 2022 | Tech Club, Brainware University | [Certificate](#)