Sayantan Sinharay

s.sinharay.coder451@gmail.com | +91 8777549369 | Linkedin | Github

EDUCATION

UNIVERSITY OF ENGINEERING AND MANAGEMENT

B.tech in Computer Science & Engineering
Jul,2019 - Jul,2023 | Jaipur, IN
SGPA - 7.42

ADITYA ACADEMY SENIOR SECONDARY

2019 | West Bengal, IN
Percentage - 71.66%

ADITYA ACADEMY SECONDARY

2017 | West Bengal, IN
CGPA - 7.6

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms
Object Oriented Programming
Database Management System
Operating System
Compilers

SKILLS

PROGRAMMING LANGUAGES

Experienced
Ruby • JavaScript • C/C++ • HTML5 • CSS3/SCSS/LESS
Familiar
Shell Script • Java • Python • Rust

DEVELOPMENT

Framework
Ruby on Rails • React.js • Node.js • Express.js
Libraries
Redux • JQuery • TailwindCSS • Material-UI

DATABASES

PostgreSQL • MongoDB • Redis

TOOLS/APPLICATIONS

Visual Studio Code • Git/Github • MATLAB

OPERATING SYSTEMS

Linux • Windows

LINKS

Leetcode: **Sayantan-coderX**
Hackerrank: **mr_xcoder**
Codechef: **s_coderx451**
Codeforces: **S_coderx45**

EXPERIENCE

KREETI TECHNOLOGIES PVT LTD. | Software Engineer Trainee

Mar. 2023 – Nov. 2023 | West Bengal, IN

- Gained experience with Ruby on Rails, React.js, and JavaScript development.
- Developed applications and RESTful APIs using these technologies along with relational databases.
- Collaborated cross-functionally in teams to deliver high-quality software solutions.
- Strengthened development skills across the full stack from front-end to back-end.

GLOSITY.CLUB | Full-Stack Developer Intern

Mar 2022 - May 2022 | Odisha, IN

- Strengthened skills in front-end and back-end integration for a complete web application.
- Utilized libraries like Redux and React-Router to build complex functionalities.
- Developed complex user interfaces using Styled Components and Material UI.

PROJECTS

EXPENSE MASTER | Github

Ruby on Rails. Tailwindcss
Multi-tenant Budget Planner and Cash Expenses Management System

- Budgeting and expense tracking app with user roles like admin and user. Admin can add users and categories, users can create budgets, expenses, and wallets with Advanced searching and filtering capabilities.
- Budgets and expenses have date/time, category, and subcategory attributes.
- Reports generated on yearly expenses and category-wise. Real-time and periodic reporting to users.

REACT GALLERY | Github | Live

React, Axios, Tailwindcss
Image Preview Application using Unsplash API

- Photo browsing and image searching using Unsplash API.
- Includes like/dislike functionality where liked photos are saved locally.
- Responsive UI design with support for dark and light themes.

BIGINT | Github

C++
A C++ class for handling arbitrary-sized integers

- C++ class for representing and performing mathematical operations on arbitrary-sized integers.
- Supports both regular integers and integers with unlimited digit lengths.
- Core functions include addition, subtraction, multiplication, and division of large integers.
- Focused on object-oriented design with multi-file organization for readability and maintainability.