SIDDHARTH ROY

Kolkata, West Bengal I Phone: **9330112587** I Email: **roysid1708@gmail.com**

PROFESSIONAL SUMMARY

Results-driven Software Engineer with expertise in full-stack development and automation testing. Proficient in building responsive front-end applications with React and scalable backends using Node and Express. Skilled in test automation with Selenium and Cucumber (BDD).

SKILLS

Programming & Scripting Languages: JavaScript, Java, HTML, CSS
Frameworks & Libraries: React, Node.js, Express.js, Tailwind
Testing & Automation: Selenium, Cucumber, JIRA
Core Concepts: Object-Oriented Programming, Data Structures & Algorithms, Sourcetree,TDD, BDD
Database: MongoDB, MySQL
Tools: Git, Github, Sourcetree, TFS

PROFESSIONAL EXPERIENCE

ARC Document Solutions, Kolkata   **May 2024 - November 2024**
  Full Stack Developer Intern

Development:
- Developed a responsive, device-specific dashboard using React, focusing on modular, reusable components for streamlined data visualization and improved user interaction.
- Enhanced user interface with React's state management and lifecycle methods, optimizing data flow and navigation for a seamless user experience.

Automation Testing:
- Automated sanity suite test cases with Selenium WebDriver and Cucumber using a BDD framework, increasing test coverage and reducing manual testing time.
- Enhanced the automation framework by adding custom methods and optimizing the codebase for flexibility and maintainability.
- Utilized Visual Studio TFS (Team Foundation Server) for issue tracking and project management, optimizing workflow visibility and efficiency.

PROJECTS

Portfolio (MERN Stack)
Created a dynamic, multi-page portfolio website using the MERN stack, with animations, and multiple mini APIs to enhance user interactivity and engagement. Optimized the application for responsive design and efficient front-end-back-end performance.

Login Page (React, Node.js)
Built a login system with session checks, 'Login with Gmail' option, and user registration prompts. Designed a modular backend to support user data management and improve system reliability.

ToDo APP
Developed a full-stack To-Do app using the MERN stack (MongoDB, Express, React, Node.js). The app allows users to create, update, and delete tasks with a responsive UI and secure data storage in MongoDB. Focused on implementing CRUD operations, state management, and a clean, user-friendly design.

EDUCATION

Bachelor of Technology in Information Technology
Meghnad Saha Institute of Technology, 2020-2024
CGPA: 9.0

Indian School Certificate (ISC)
Completed in 2019
Percentage: 81.4%

Indian Certificate of Secondary Education (ICSE)
Completed in 2017
Percentage: 80.2%

Certifications
- Problem Solving (Basic) - HackerRank
- Java (Basic) - HackerRank
- CyberSuraksha - Tata Strive & Microsoft
- Soft Skill Essentials
- Ethics for Engineers

Languages
English: Full Professional Proficiency
Hindi: Native or Bilingual Proficiency
Bengali: Native or Bilingual Proficiency