

SIDDHARTH ROY

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PROFESSIONAL SUMMARY

Software Engineer skilled in full-stack development and automation testing. Proficient in React, Node.js, Selenium, and Cucumber (BDD). Strong foundation in data structures, OOP, and n-tier architectures. Experienced in unit testing, debugging, and Agile workflows using Jira and Git. Knowledgeable in Atom architecture principles for scalability and stability.

SKILLS

Programming & Scripting Languages: JavaScript, Java, HTML, CSS

Frameworks & Libraries: React, Nextjs, Node.js, Express.js, Tailwind

Testing & Automation: Selenium, Cucumber (BDD), JIRA

Core Concepts: OOP, Data Structures & Algorithms, Unit Testing (TDD), Debugging, Source Control (Git, Sourcetree, GitHub, TFS), Agile Workflow

Database: MongoDB, MySQL

Tools: Git, Github, Sourcetree, TFS

PROFESSIONAL EXPERIENCE

ARC Document Solutions, Kolkata

May 2024 - November 2024

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.

PROJECTS

Portfolio [<LINK>](#)

- Technologies Used: [MongoDB](#), [Express.js](#), [React.js](#), [Node.js](#), [Tailwind CSS](#), [Vite](#)
- Description: Visit the website to know more about me.

CRM Dashboard Project - [<LINK>](#)

- Technologies Used: [React.js](#), [Tailwind CSS](#), [Syncfusion UI Components](#), [Redux Toolkit](#)
- Description: Developed an admin dashboard with theming, tables, charts, calendar, and Kanban board functionalities using React.js and Syncfusion. Implemented responsive design with Tailwind CSS and managed state efficiently with Redux Toolkit.

Youtube Clone [<LINK>](#)

- Technologies Used: [React](#), [Vite](#), [YouTube Data API](#), [Axios](#), [React Router](#)
- Description: VidTube is a YouTube clone application developed using React and Vite. It leverages the YouTube Data API to fetch and display video content, allowing users to search for videos, view video details, and watch videos directly within the application.

Authentication System [<LINK>](#)

- Technologies Used: [Next.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [Tailwind CSS](#), [Mailtrap](#)
- Description: A secure and scalable authentication system with user registration, login, password reset, mail verification and session management. Designed with a modular backend for efficiency and reliability.

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