

# Sagnik Das

Mobile : +91-6207142973

Email : sagnik.rik.das@gmail.com

 Personal Portfolio


 LinkedIn Profile

 GitHub Profile



## EDUCATION

- **National Institute of Technology** 2020-2024  
*Bachelor of Technology in Electronics and Communication Engineering* CGPA: 8.3
- **DAV Model School, CFRI** 2020  
*Central Board of Secondary Education (Higher Secondary)* Percentage: 96.00

## EXPERIENCE

- **Piramal Capital & Housing Finance Limited**  Bangalore, India  
*Software Developer Intern* May 2023 - July 2023
  - Designed and developed a **Mock Data Generator UI** using **ReactJS** and **Tailwind CSS**, streamlining the testing process for the Quality Assurance team and improving efficiency by 20% compared to manual backend interactions.
  - Implemented robust **form validation** mechanisms for input fields, ensuring accurate data submission and seamless integration with backend systems.
  - Collaborated with **cross-functional teams** in an **Agile environment**, contributing to iterative development, code reviews, and sprint planning.
  - Integrated **RESTful APIs** to create a backend-driven frontend application, enhancing scalability and maintainability.
  - **Refactored** codebase for improved readability and performance, adding **comprehensive documentation** and comments for future development.

## Projects

- **Split n Share:**  *Node.js, Express.js, MongoDB, JWT, REST API:*
  - Developed a **scalable REST API backend** for managing group expenses, bill splitting, and balance tracking.
  - Implemented **JWT authentication** for secure user login, password hashing, and session management.
  - Engineered **expense-splitting logic** ensuring real-time debt calculations and settlements.
  - Created comprehensive **API documentation** using Postman for seamless frontend integration.
- **Popcorn Portal:**  *ReactJS, HTML, CSS, JavaScript, TMDB APIs:*
  - Developed **Popcorn Portal**, a curated movie and TV series browsing app, showcasing trending content.
  - Integrated **filters, user-friendly search, and lazy loading** to enhance performance and usability.
  - Designed a **responsive layout**, implemented **error handling**, and used skeleton components for smooth user experience.
  - Leveraged **ReactJS, HTML, CSS, and JavaScript** to build an intuitive and scalable entertainment platform.

## TECHNICAL SKILLS AND INTERESTS

- **Languages:** C/C++, Javascript, Java, SQL
- **Libraries and Frameworks:** Standard Template Library (STL), ReactJS, NodeJs, ExpressJS
- **Cloud/Databases:** MongoDB
- **Developer Tools:** HTML, CSS, EJS, Visual Studio Code, Git, Github
- **Coursework:** Object Oriented Programming, System Design, Data Structures and Algorithms

## ACHIEVEMENTS & CERTIFICATIONS

- Solved over **500 questions** in Leetcode 2025
- Acquired and Completed "**The Complete Full-Stack Web Development Bootcamp**" course certificate from Udemy 2025
- Acquired and Completed "**Programming in modern C++**" course certificate from NPTEL 2022