Sagnik Das

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 GitHub Profile
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EDUCATION

•**National Institute of Technology, Patna**   *2020 - 2024*
  B.Tech in Electronics and Communication Engineering   CGPA/Percentage: 8.24

•**DAV Model School, CFRI**   *2020*
  Central Board of Secondary Education (CBSE)   CGPA/Percentage: 96.00

•**De Nobili School, CFRI**   *2018*
  Council for the Indian School Certificate Examinations (CISCE)   CGPA/Percentage: 92.20

EXPERIENCE

•**Piramal Capital & Housing Finance Limited** 🔗   *May, 2023 - July, 2023*
  QA Intern   Bangalore

- – Contributed to the development of an innovative UI application named "mock-data-generator-ui" that interacted with backend endpoints to generate mock data for testing purposes.
- – Designed and implemented user-friendly forms enabling efficient input of various data types including strings, mobile numbers, JSON strings, and regex expressions.
- – Implemented robust form validation mechanisms for each input field, ensuring accurate and valid data submission.

PERSONAL PROJECTS

• **Popcorn Portal** 🔗

A curated movie and TV series browsing ReactJS app with search, explore pages, and lazy loading.

- – Tools & technologies used: ReactJS, HTML, CSS, JavaScript, TMDB APIs
- – Crafted Popcorn Portal, an app, highlighting trending content. Integrated filters, user-friendly search, and lazy loading for performance. Designed responsive layout, gracefully handled errors, utilized skeleton components, and leveraged ReactJS, HTML, CSS, and JS for intuitive, scalable entertainment platform.

• **Social Spark** 🔗

SocialSpark is a cutting-edge social media app built from scratch based on MERN Stack.

- – Tools & technologies used: MERN, Formik+yup, Redux toolkit, JWT, Vercel
- – Designed and created powerful backend APIs using Mongoose database that ensures scalability and efficiency. Integrated features for user authentication, image uploading, posting, liking and commenting on posts, news feed section, adding friends, and other engaging widgets. Conducted extensive testing to ensure a reliable and bug-free app. Demonstrated proficiency in full-stack web development and executed best practices to build a highly scalable and user-friendly social media app.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Javascript, Python
Developer Tools: DSA, HTML, CSS, Visual Studio Code, Git, Github, Canva, CATIA
Libraries and Frameworks: Standard Template Library (STL), React, Tailwind CSS, Bootstrap
Soft Skills: Effective Time Management, Creative Problem-Solving, Active Listening, Leadership Skills, Efficiency Under Pressure, Critical Thinking
Coursework: NPTEL Certification in "Programming in Modern C++", NPTEL Certification in "Joy of Computing using Python", 40-hour Workshop on CATIA for CATIA V5 software usage
Areas of Interest: Competitive Programming, Solving Aptitude questions, Web Designing, Reading Novels, Writing reviews, Football Enthusiast, Swimming, esports such as FIFA and Valorant.

POSITIONS OF RESPONSIBILITY

- – **Senior Content Writer,** PRATIBIMB (Institute Magazine)   *2021-till date*
- – **Lead Script Writer,** NATVANSH - Drama and Film Club, NIT Patna   *2020-2022*

ACHIEVEMENTS

- – **Solved over 500 questions in Leetcode** Consistent on the platform for almost a year now   *2023*
- – **Winner and Second Runner up** in Nukkad Natak Competition in the techno cultural fest of NIT and IIT Patna
- – **Principal's Award** for Contribution towards GK Club in Class X   *2018*
- – **Senior Diploma in Painting** Completed Fourth Year in Painting with Distinction   *2016*