

SIDDARTH BANERJEE

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EDUCATION

•Bachelors of Technology in Mechanical Engineering

2020-24

Birla Institute of Technology, Mesra

CGPA: 8.81

PERSONAL PROJECTS

•PROCEDURE | github.com/Sid-bit28/Hack-a-duck

A in-browser transpiler for react.js using MERN stack and esbuild.

05/2023 - 07/2023

- Facilitates user to compile react.js codes and preview them.
- Facilitates users with Monaco Text-editor with formatting and markdown language for notes.
- User can save the file in local device and share them.

•Team-Finder | github.com/Sid-bit28/Team-Finder

01/2023 - 03/2023

A full stack web project using MERN stack that allows students to find team members for fests.

- Students can create a team vacancy with the required skills. Users can sort accordingly using skills.
- Used RESTful API routes to execute various actions such as viewing, creating, updating, and deleting teams, requested applicants, and posts.
- Used JWT authentication to keep users logged in and to restrict access to protected routes.
- Real-Time chat application using socket.io where team members can chat with each other in real time.

EXPERIENCE

•iMOCHA | certificate - <https://shorturl.at/jtPRU>

May 2023 - Present

Problem Setter

Remote

- Created problems based on Data Structures & Algorithms.
- Implemented the entire problem-setting writing a well-defined problem statement, deciding constraints, creating test cases and editorials along with a working code for the problem.

•ACM (Association for Computing Machinery)

Nov 2022 - Present

Executive Member

BIT Mesra

- Conducted ICPC-type contest with more than 600+ participants.
- Conducted ACM-CQM contest for intern/placement preparation with more than 100+ participants.
- Strategized and managed the activities of the club.

•IET (Institution of Engineering and Technology)

Oct 2021 - Present

Tech Lead

BIT Mesra

- Conducted workshops on using Data Structures and Algorithms including Mathematics, STL, and advanced topics like dynamic programming.
- Worked with the web-development team of the club for the official website of IET-BIT, Mesra

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Javascript, HTML + CSS

Libraries : C++ STL, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs, Tailwind

Relevant Coursework: Data Structures & Algorithms(A+ Grade), Object Oriented Programming(A Grade).

Computer Fundamentals: OOPS, Computer Networks, DBMS, Operating Systems.

Soft Skills: Problem Solving, Self-learning, Adaptability

ACHIEVEMENTS

- Stood Global Rank 15 in OVERNITE'21, Coding Contest organised by IITKGP.
- Ranked 5-th in 36 hours hackathon Web-A-Thon among 100+ teams.
- Appointed as Competitive Programming lead by GDSC(Google Developer Society).
- Qualified Meta Hacker cup Round 1 2021 and 2022.
- Stood AIR 21 in prometeo'23 IIT Jodhpur and qualified for final on-spot round
- Stood AIR 2 in GFG AutoRun Season 1 and selected for final on-spot round.
- Stood AIR 405 in ICPC Asia Kanpur preliminary round and college rank 3.