



Shubham Jaiswal

Roll No.: 210106066

B.Tech - Bioscience and Bioengineering
Indian Institute Of Technology, Guwahati

+91-7565001708

shubham.jaiswal@iitg.ac.in

shubhamjaiswal14565220@gmail.com

github.com/Portfolio

linkedin.com /shubham

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.37 (Current)	2021-Present
Senior Secondary	CBSE Board	88.2%	2020
Secondary	CBSE Board	67.0%	2018

EXPERIENCE

- Translead Medtech** Jul. 2023
Web Development Intern Remote
 - Developed responsive UI using **React**, **CSS**, and **JavaScript**, ensuring dynamic rendering and interactive features.
 - Implemented UI components like navigation bars and modals using **Framer Motion** and **Material-UI**.
 - Optimized front-end performance by **minifying** JavaScript and CSS, implementing lazy loading with **React.lazy()**.

PROJECTS

- CampusWay** Feb. 2024
Personal Project bit.ly/cw-github
 - Developed a campus navigation system using a **Flask**-hosted **Python API** to visualize the **shortest paths** between intersections.
 - Integrated a **React** frontend to visualize and display the shortest paths, enhancing user interaction and experience.
 - Designed a weighted undirected graph and implemented **Dijkstra's Algorithm**, optimizing travel time by time by **12%**.
- Xpenses** Jun. 2024
Personal Project bit.ly/xp-github
 - Developed a **MERN** stack expense tracking app with **MongoDB Atlas**, incorporating financial tracking and data visualization.
 - Integrated custom **Bar Charts** that enhanced data visualization capabilities for financial reporting.
 - Implemented a yearly filter using the **useState Hook**, allowing users to manage and display their expenses by year efficiently.
- Whiteboard** Jul. 2024
Group Project bit.ly/wbd-github
 - Developed a robust whiteboard application leveraging **React Hooks**, **JavaScript**, and **Tailwind CSS**.
 - Incorporated **tools** for drawing, erasing, and creating shapes, including pencils and erasers to enhance user functionality.
 - Incorporated features that reduced onboarding time for new users, making the platform more accessible to teams.
- Google Meet Clone** Dec. 2023
Group Project, Coding Club, HTG bit.ly/gmc-github
 - Built a web-based **video-conferencing** application that closely replicates the core functionalities of Google Meet.
 - Implemented core features using modern web technologies like **WebRTC**, **CSS**, **JavaScript**, and **Express.js**.
 - Added key features including **user authentication**, hand raise, file sharing, and meeting time management.

ACHIEVEMENTS

- Codeforces**, Max-rating **-1306** (Pupil)
 - Codeforces Round 169: Secured **Global Rank 685** among **20k+** participants.
- Hacker Rank**, Reached **6 star**, in problem-solving.
- Kriti 2022**, Secured **2nd position** in the **Kriti 2022 Inter-Hostel Automobile Competition**, competing among **10** hostels.
- BHU Entrance Test**, Secured **Rank 41** out of **0.4** million candidates. 2021

TECHNICAL SKILLS

- Programming:** C/C++, Python, JavaScript, MATLAB*
- Frameworks/Libraries:** ReactJS, Express*
- Miscellaneous:** OOPs, OS*, Git/Github
- Machine Learning:** Numpy, Pandas, Matplotlib, Seaborn
- Technology:** HTML, CSS, TailwindCSS, Socket.io*
- Database Management:** MySQL, MongoDB*

* Elementary proficiency

KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Differential Equation, Real Analysis, Complex Analysis.
- Computer Science:** Introduction to Computing, Computing Laboratory.
- MOOC:** Data Structures and Algorithms, Web Technologies.

POSITIONS OF RESPONSIBILITY

- Security Head, Spirit - IIT Guwahati** Aug. 2023 - Dec. 2023
 - Led a team of **60+** **freshers** and **sophomores** and collaborated with security for the Northeast's **largest sports fest**.
 - Managed the footfall of around **50k+** with proper planning of Control Environment.
- Core Team Member, Consulting & Analytics Club, IIT Guwahati** Apr. 2023 - Mar. 2023
 - Collaborated as a **web developer** in the Consulting and Analytics Club, working with teams to deliver **web solutions**.

EXTRACURRICULARS

- SMC Kameng Hostel 2024-2025**, Optimizing service delivery for **500+** students and contributing to menu planning decisions.
- Placement volunteers 2023-2024**, Managed the process for **1200+** students | coordinated with **100+** companies.
- Technothon 2022**, Pitched Technothon exam to **300+** students, securing **200+** registrations.
- Organising team member**, Organized and coordinated key activities for the **25th Convocation of IIT Guwahati**. Jul. 2023