Yash Kataria

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Guwahati	7.20 (Current)	2021-Present
Senior Secondary	CBSE Board	95.8%	2021
Secondary	CBSE Board	93.8%	2019

PROJECTS

- **Guwahati Half Marathon Portal** *February 2024 - March 2024*
  Techniche, IITG techniche.org/ghm
  ○ Led a team of six developers in creating a dynamic website using **React.js** for frontend and **Node.js** for backend, with **MySQL** for data storage, ensuring seamless functionalityand user engagement.
  ○ Integrated the payment portal in the website for the 21km registration, and deployed the portal using **AWS EC2** instance, guaranteeing secure transactions and robust hosting infrastructure.
  ○ Got **over 2000** unique users per day on average and **over 4000** people registered for the marathon using it.

- **Jotion - A Note Making Application** *December 2023*
  Personal Project jotion-yash.vercel.app
  ○ Developed a **Notion** inspired note making application leveraging the capabilities of **Next.js** while utilizing **Convex** as the database and **Clerk** for authentication enabling sign-in via **Google** and **GitHub**.
  ○ Incorporated features include switching between light and dark modes, authentication, adding a new note, deleting a note, restoring a note, adding a cover image, and publishing a note to the web.

- **Know Shop App** *January 2023 - February 2023*
  Kapili Hostel, IITG github.com/know-shop
  ○ Developed a mobile application that seamlessly connects users with multiple shops in and around the IITG campus, enabling convenient pre-ordering of desired items.
  ○ Leveraged **Flutter** to craft interfaces for both customers and shopkeepers, while employing **Firebase** for efficient backend data management.

TECHNICAL SKILLS

- **Programming**: C/C++, Python
- **Web Development**: HTML, CSS, JavaScript, React.js, Next.js*, Node.js, Tailwind CSS*
- **App Development**: Flutter*
- **Database Management**: MySQL
- **Miscellaneous**: Git, GitHub, AWS*

* Elementary proficiency

ACHIEVEMENTS

- **Kriti 2023**: Secured **1st position** among 13 hostels in the Inter Hostel Technical Competition for Kapili Hostel.
- **Joint Entrance Examination(Main) - 2021**: Stood among **top 1 percent** students out of **9.32 lakh** students.
- **Joint Entrance Examination(Advanced) - 2021**: Stood among **top 10 percent** students out of **1.41 lakh** students.
- **Google Code Jam Farewell Round A 2023**: Secured **Global Rank 2387** among **8000+** participants.
- **Codeforces**: Rated **Pupil** on the platform (**Max rating - 1292**). *yashkataria*
- **Codeforces Round #865(Div. 2)**: Secured **Global Rank 2511** among **24000+ participants**.
- **Codeforces Round #913(Div. 3)**: Secured **Global Rank 2279** among **30000+ participants**.

KEY COURSES TAKEN

- **Computer Science**: Data Structures and Algorithms(Theory+Lab), Introduction to Computing (Theory+Lab), Computer Networks, Pattern Recognition and Machine Learning
- **Mathematics**: Linear Algebra, Probability and Random Processes, Multivariable Calculus, Differential Equations
- **Electronics**: Digital Circuits, Signals and Systems, Embedded Systems

POSITIONS OF RESPONSIBILITY

- **Head of Web Operations**, Techniche, IIT Guwahati *November 2023 - Present*
  ○ Co-leading a team of 8 developers in developing and managing various portals under Techniche, the annual Techno-Management Festival of IIT Guwahati.
- **Senior Web Developer**, Students' Web Committee, IIT Guwahati *April 2023 - Present*
  ○ Developed widely-used campus projects and conducted a three-week React.js workshop with **500+ participants** nationwide.