



Rakesh Kumar

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B.Tech-Mathematic and Computing

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Github | Website

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.19(Current)	2022-Present
Senior Secondary	BSEB Board	76.8%	2021
Secondary	CBSE Board	87.4%	2019

PROJECTS

• Home Booking

Group Project

Github

- Developed a fully functional Home booking website featuring an intuitive user interface and a robust backend architecture, implementing advanced features such as place search, filtering by category with price, list of previous booking and also feature like becoming a host with uploading house picture and set price .
- Implemented the users Login / SignUp feature with secured user authentication.
- **Tech Stack used:** HTML, CSS, JavaScript, React for frontend; Express.js and Node.js for server-side logic; MongoDB for database management.

• Expense Tracker

Personal Project

Github

- Developed a expense management website using Node.js and Express.js for help individuals manage their personal finances efficiently. Frontend is implemented using HTML, CSS, React and JavaScript.
- Used MongoDB database to interact with the database of all users. Ability to add details such as amount , date, category.

• Cryptoverse

Personal Project

Github

- Developed a comprehensive platform for cryptocurrency news aggregation and detailed analysis.
- Implemented a robust system to collect and curate the latest cryptocurrency news from various reputable sources.
- Designed a user-friendly interface for easy navigation and access to news and analysis.
- **Tech Stack used:** ReactJs, HTML, CSS

TECHNICAL SKILLS

- **Programming:** C/C++,Python
- **Database Management :** MySQL,MongoDB*
- **Web technologies/frameworks:** HTML,CSS,Javascript,ReactJS*
- **Miscellaneous :** Github,Computer Network,Operating System

* Elementary proficiency

KEY COURSES TAKEN

- **Computer Science:** Data Structures and Algorithms(Theory + Lab), Design and Analysis of Algorithms, Database Management Systems(Theory + Lab), Digital Design, Computer Architecture and Organisation
- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes ,Elementary Algebra and Number Theory, Financial Engineering-1

ACHIEVEMENTS

- **JEE Advance**, Secured All India Rank 2784 and OBC category rank 471 out of approx 1.5 lakh students. 2022
- **JEE Main**, 99.34 percentile (All India Rank 6037) out of 10 lakh students. 2022
- **Scholarship By Dakshana Foundation** ,For being among the top 230 students of all Navodaya Vidyalayas 2021

EXTRA CURRICULAR

Participated in IIT Gandhinagar Dakshana Leadership program (a communication skill and leadership quality development program. 2022