Rohit Agarwal

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B.Tech - Electronics and Communication Engineering
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EDUCATION:-

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.29 (Current)	2020-Present
Senior Secondary	RBSE	88.40%	2019
Secondary	RBSE	87.17%	2017

PROJECTS

- **Car Rental Website** *June 2023 - July 2023*
  Personal Project Github
  - A dynamic web app for peer-to-peer car rentals, allowing users to list and rent vehicles seamlessly.
  - Utilized **Handlebars** for dynamic front-end, integrated **MongoDB** for "User" and "Car" Database.
  - Elevated user experience by integrating **Google Maps API** for dynamic car location display.
  - Integrate **Stripe API** for secure booking payments.
  - **Tech Stack**: HandleBars , MongoDB , Express , Stripe API , AWS , Socket.IO ,Google Maps API .

- **Doc-Pat Chat WebApp** *May 2023 - June 2023*
  Personal Project Github
  - A **React.js** based web chat application connecting doctors with patients and fellow healthcare professionals.
  - Doctors have privileges to engage in discussions with other doctors and their own assigned patients.
  - patients are limited to interactions with their designated doctors and their personal patient network.
  - Integrated **Stream Chat API** for fluid chat functionality, developed a secure server for authentication.
  - **Tech Stack**: React.js , Stream-chat API , Express , Cookies , Twilio.

- **Academics Recorder** *July 2023 - Aug 2023*
  Group Project Github
  - A web application to streamline IIT's complex **timetable system**, catering to varying slots.
  - Implemented interactive UI for slot addition and class management, including attendance recording.
  - Utilizing **MongoDB** as the database and setting up a secure server for authentication functionalities.
  - Utilized **Nodemailer** to automate daily notifications to users about their classes scheduled for the day.
  - **Tech Stack**: React.js, Express , Node Mailer, MongoDB.

TECHNICAL SKILLS

- **Programming**: C++
- **Web technologies**: HTML, CSS, Express, JavaScript*, React.js*
- **Miscellaneous**: OOPS, DBMS, Operating Systems ** Elementary proficiency*

ACHIEVEMENTS

- **Joint Entrance Examination 2020 (Advanced)**: Secured All India Rank **2567** among 0.2 million candidates.
- **Joint Entrance Examination 2020 (Mains)**: Secured All India Rank **2827** among 1 million candidates.
- **LeetCode**: Achieved an Rating of **2005 (Knight)** on Leetcode . *leetcode/profile*
- **Codeforces**: Achieved an Rating of **1465 (Specialist)** on Codeforces . *codeforces/profile*

KEY COURSES TAKEN

- Data Structures and Algorithms
- Mathematical Finance
- Introduction to computing(Theory + Lab)
- Data Driven System Theory
- Computer Networks
- Computer Aided Applied Optimisation

POSITION OF RESPONSIBILITY

- **Core Team Member Spirit 2022** ,The Annual Sports Fest Of IIT Guwahati *June 2022 - Nov 2022*
  - Led an team of 5 Executives and 10 Organisers during the event.
  - Successfully managed and organized over 16 athletic events for both male and female categories during the event.
  - Oversaw the registration of individual participants and college teams, ensuring the smooth execution of the events.

EXTRACURRICULARS

- **TedxIITGuwahati**: Speaker Team Member for TedxIITGuwahati 2023 event. *May 2022 - Feb 2023*
  - Enabling speaker excellence as a dedicated POC, harmonizing pre-TED Talk arrangements.

- **Saathi IITG**: Mentor in Peer Mentorship Program. *Oct 2022 - May 2023*
  - Assisting new students in settling comfortably, excelling in academics, overcoming challenges.