

MEHUL CHATURVEDI

Indian Institute of Technology, Guwahati, Assam - 781039 - India
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EDUCATION

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|--|-----------------------|
| Indian Institute of Technology, Guwahati <i>B.Tech - Department of Civil Engineering</i> | <i>2017 - Present</i> |
| Sarvodaya Senior Secondary School, Kota | <i>2015 - 2017</i> |
| Maheshwari Public School, Ajmer | <i>2002 - 2015</i> |

PROJECTS

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|--|---|
| Chat Room <i>Personal Project</i> | <i>https://git.io/JvjWS</i> April 2020 |
| <ul style="list-style-type: none">Implemented a real-time chat-room application with Socket.io and Node.Js.Users can send the geographical location to other users in the room if permission is granted..The page automatically scrolls down upon receiving a new message | |
| Sign Up Platform <i>Personal Project</i> | <i>https://git.io/JvAFw</i> April 2020 |
| <ul style="list-style-type: none">A sign-up experience for designers and makers, based on NodeJs, Express and MongoDB where they are asked several questions and the required data is validated and stored in a database.Several mongoose validations have been included. | |
| Task Manager API <i>Personal Project</i> | <i>https://git.io/JvHon</i> March 2020 |
| <ul style="list-style-type: none">Back-end task manager application made with JavaScript, Node.js, Express, MongoDB and Mongoose.js.It allows you to create an account through the API and manage tasks that you can add, view, edit or delete. It was created with the main intention of building a Node project with a NoSql database.Planning to add front-end UI so users can interact directly with the API, in future updates. | |
| Yelp Camp <i>Personal Project</i> | <i>https://git.io/JvmD3</i> March 2020 |
| <ul style="list-style-type: none">Designed and implemented YelpCamp(a Yelp style website for campsites) that supports user log in, posting review and comments, and editing previous submissions using Node.js and JavaScript.Designed and implemented MongoDB infrastructure to store reviews/comments data and relevant information associated with users and campsites. | |
| 404 Disaster Not Found <i>Personal Project</i> | <i>https://git.io/fjDho</i> August 2019 |
| <ul style="list-style-type: none">Developed a website which is helpful for management during a disaster in our country. The volunteers can view the names and location of the people in need and can help them. | |

TECHNICAL SKILLS

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|--------------------------------|---|
| Programming Languages: | C, C++, Python*, Octave* |
| Web Development Skills: | HTML, CSS, Bootstrap, JavaScript, JQuery, Node.js |
| Database Management: | MongoDB, MS Access* |
| Miscellaneous: | Adobe Photoshop, Adobe Lightroom, Adobe Illustrator, Adobe InDesign*. |
| Operating Systems: | Windows, Linux |

* Elementary proficiency

ACADEMIC ACHIEVEMENTS

- **International Olympiad of Mathematics 2014:** Secured **45th** rank **globally** in the International level examination held in Ajmer.
- **International Olympiad of Science 2014:** Secured **40th** rank **globally** in the International level exam.
- **Brilliant.org:** A website and associated community that features problems and courses in mathematics, physics, quantitative finance, and computer science.
 - **Moderator:** Was amongst the team of 15 moderators worldwide for the community.
 - **Top 1%:** Was amongst the Top 1% contributors to the brilliant.org community.
- **National Science of Olympiad 2014:** Secured **AIR 192** in the National Level examination.
- **Joint Entrance Examination 2017:** Among Top **0.45%** of the **1.1 million** candidates appeared.

POSITIONS OF RESPONSIBILITY

- **Organizer, Lecture Series, Techniche 2018 (Technical Fest of IIT Guwahati):** Contacted **700+** scientists from top universities and science organizations like **CERN, NASA, ISRO** to invite for the Guest lecture during Techniche.
- **City representative, Ajmer, Technothon 2018:** Conducted India's largest student-organized examination and supervised more than **300** students in Ajmer.
- **Organizer, Tasveer, Annual Photography Exhibition of IIT Guwahati:** Managed a three-day workshop and photography competition in association with **Photography Club of Assam**.
- **Association of Civil Engineers (ACE) (2018-present):** Active Team Member and designed newsletter for Civil Department of IIT Guwahati.
- **Official Photographer of Inter IIT Sports Meet 2018:** Covered the week-long event capturing 13 sports events throughout the meet.

KEY COURSES TAKEN

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| • Data Structures | • Linear Algebra |
| • Calculus and Differential Equations | • Real Analysis |
| • Machine Learning by Andrew NG | • Algorithms |

EXTRA-CIRRICULAR

- **Inter IIT Cultural Meet 2019:** Took part in Photography competitions held during the 4th Inter-IIT Cultural Meet, Mumbai.
- **Inter IIT Cultural Meet 2018:** Took part in Photography competitions held during the 3rd Inter-IIT Cultural Meet, Roorkee.
- **Guwahati Half Marathon:** Organising team member of GHM where more than 500 athletes took part.
- **Manthan 2017:** Winner of Photography Module in Manthan 2017, Inter Hostel Cultural Events of IITG, competing among 12 hostels and 50+ participating members.
- **Montage, The Photography Club of IITG:** Core Team member of Montage Club, IITG for past 2 years.

PERSONAL TRAITS

Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.