



Dhriti Desai

Roll Number: 180103097

B.Tech - Mechanical Engineering

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	8.80 (Current)	2018 - Present
Senior secondary	CBSE board	92.8%	2018
Secondary	CBSE board	10.0	2016

Experience

- **Training Intern at KoneCranes** *June 2019 - July 2019*
 - Basic engineering processes, data migration principles, data duplicates and identification, data consistency, Incident, Problem, and IT Ticket Audits.
 - Product Life Cycle management, code analysis of PLM Tools, understanding of code flow, and business processes.

Projects

- **Product Hunt Clone** *Aug 2020*
<https://bit.ly/3k3hKsH>
 - Created a website using Django to add projects and upvote other projects.
 - Worked on authentication by adding signup, login, and logout.
 - Hosted website on the internet using pythonanywhere.
- **Personal Portfolio** *July 2020*
<https://bit.ly/3gkNmHZ>
 - Created a website using Django, added apps, and accessed admin panel.
 - Used database(PostgreSQL), created virtual environment, worked on static and media files.
- **Prediction of Deflection in beams** *Nov 2019*
 - Utilized concepts of shear stress, bending moment, and double integration method to determine beam deflection.
 - Used MATLAB APP DESIGNER to make the program user friendly.

Technical skills

- **Programming languages:** C, C++, MATLAB, python*
 - **Web technologies :** Django, Bootstrap, HTML, CSS*
 - **Database management :** PostgreSQL
 - **Operating system :** Windows, Linux*
- * Elementary proficiency

Key courses taken

- Data Structures
- Algorithmic toolbox
- The ultimate web development Bootcamp
- Introduction to Computing
- Computer lab

Positions of Responsibility

- Events Head, Mechanical Engineering Student Association, IIT Guwahati
- Branch Representative, Mechanical Department, IIT Guwahati

Achievements

- **Branch Change:** Was among the top 10% in entire batch of 50 students, and managed to get a branch change.
- **Hult Prize 2019:** Secured 3rd position in a Startup contest.

Extracurriculars

- **Volleyball:** Represented IIT Guwahati in Volleyball in InterIIT Sports meet, 2019 among 23 IITs and secured first position in Spirit, annual sports festival of IIT Guwahati.
- **Dramatics:** Participated in Street play, Inter IIT, cultural meet 2018, and bagged 7th position. Taken part in various street plays and theatre like Chuhal.