



Vighnesh Deshpande

Roll No.: 200102112

B.Tech - Electronics and Communication Engineering

Minor in Computer Science and Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.65 (Current)	2020 - Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	7 (Current)	2021 - Present
Senior Secondary	CBSE Board	97.0%	2020
Secondary	CBSE Board	98.2%	2018

PROJECTS

- Election Portal** Mar. 2022 - Apr. 2022
Student's Web Committee GitHub | Website
 - Developed a website for conducting transparent Students' Gymkhana Elections 2022
 - Worked on front-end of **login, OTP verification, candidate profile, admin panel, status screens and image crop** using React.js
- Event Scheduler** Jan. 2022 - May. 2022
Student's Web Committee Frontend Repo | Backend Repo
 - Developed a website for college clubs to advertise and send reminders for their events.
 - Worked in Backend for **Notification, sending emails** using **Celery** and created a **REST API** for CRUD operations using **Django Rest Framework**.
 - Developed the frontend in **React.js** for **event creation, event updation, resource upload** and used **MapBox** for displaying locations.
- Placement Portal** Jun. 2022 - Present
Student's Web Committee GitHub
 - Developing a website for CCD IITG to conduct the official placement and intern season.
 - Developed several custom components like **Custom Select** and **Custom Tables** with **React.js**.
 - Implemented user flows like **Company Registration** and used **Redux** for state management.
- Digital Alpha's SEC Filing Analyzer** Mar. 2022
Gold Medal Inter-IIT Tech Meet 10.0 GitHub | Website
 - Developed a website for the Inter IIT Tech Meet 10.0 High Prep Problem Statement.
 - Created an interactive dashboard which helps investors can make wise decisions by looking at the charts and data.
 - Worked on development of components like **Metrics table, Charts and Summary CSV download** etc using **React.js**.

TECHNICAL SKILLS

- Programming Languages:** Python, C/C++
- Web Technologies:** HTML, CSS, JavaScript, Bootstrap, Tailwind, Django*, React
- Libraries:** Numpy, Pandas, Scikit-learn*
- Electronics:** Verilog*, LTSpice
- Miscellaneous:** Figma, Git, LaTeX* * Elementary proficiency

ACHIEVEMENTS

- EnCode Hackathon 2022:** Secured **First** position amongst 315+ teams in EnCode Hackathon 2022 2022
- InterIIT Tech Meet 10.0:** Secured **Gold Medal** in Digital Alpha's SEC Filing Analyzer Problem Statement 2022
- KVPY SX 2020:** Secured a CRL rank of **976** among 0.1 million candidates 2020
- JEE Advanced 2020:** Secured a CRL rank of **4799** among 0.15 million shortlisted candidates 2020
- JEE Mains 2020:** Secured a CRL rank of **5359** among 1.02 million candidates 2020

KEY COURSES TAKEN

- Computer Science:** Data Structures and Algorithms, Introduction to Computing(Theory and Lab)
- Mathematics:** Linear Algebra, Basic Calculus, Probability & Random Processes, Statistics I & II(From IITM)
- Electronics and Communication:** Signals and Systems, Digital Circuits, Control Systems

POSITIONS OF RESPONSIBILITY

- Open Source Head**, Coding Club,IIT Guwahati May 2022 - Present
- Web Developer**, Student's Web Committee,IIT Guwahati Mar. 2022 - Present
- General Executive**, Student Alumni Interaction Linkage,IIT Guwahati Nov. 2021 - Jun. 2022