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++, JavaScript*
- **Web Technologies**: HTML, CSS, 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 SEC Filing Analyzer PS *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 an 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*