# Samanyu Deghuria

Roll No.:12022002002029
Computer Science and Engineering

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## EDUCATION

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|---|---|---|---|
| B.Tech. (CSE) | Institute of Engineering and Management, Kolkata | 9.7(Current) | 2022-2026 |
| Senior Secondary | HemSheela Model School,Durgapur | 94.0% | 2022 |
| Secondary | D.A.V Public School,Asansol | 97.6% | 2020 |

## EXPERIENCE

- **Buildspace Nights and Weekends S5** — *July 2024 - Aug. 2024*
  *Contributer* — Remote
  - Managed the integration of React components in a team of 5 for the final deployment of our project.
  - Developed a music recommendation and customized playlist creation feature, enhancing user engagement and personalization. Additionally, implemented robust authentication mechanisms to secure the web application.

- **TimeChain Summer Of Code** — *July. 2024 - Sept. 2024*
  *Skilled Blockchain Developer* — Remote
  - Developed web app using Sveltekit and NestJs and deployed the app to Vercel for frontend and Render for backend
  - Made the website for blockchain enabled health record tracking system and made it responsive.

- **IEM IEDC Lab** — *Feb. 2024 - Sept. 2024*
  *Research Intern* — Kolkata
  - Worked on the classification of mangrove species in Sundarban area using cellular automata on LandSat images

## PROJECTS

- **Sonoriq** — *July 2024*
  *Developed a music community web-app which offers chat features and personalized music recommendations.* URL | Github
  - **Tools & technologies used**: ReactJS, NodeJs, CSS, Firebase, Express
  - Implemented the authentication of the web-app.Developed the feature of personalized music recommendations and customized playlist generation using Firebase, Spotify api.Also developed the feature of "Recent Updates" to fetch the latest happenings across the music industry.

- **Portfolio Website** — *July 2024*
  *Personal portfolio website* — URL | Github
  - **Tools & technologies used**: ReactJs,CSS,Canva
  - Developed a responsive and visually appealing personal portfolio website to showcase projects, skills, and professional achievements. Implemented dynamic content sections using modern web technologies including HTML5, CSS3, JavaScript, and React.

## KEY COURSES TAKEN

- Data Structure, Algorithms, DBMS, Machine Learning, Artificial Intelligence, OOPS, Operating System

## TECHNICAL SKILLS

- **Programming:** C++, Java(OOPS), Python, C, JavaScript, SQL
- **Tools & OS:** Git, Jupyter Notebook, Google Colab, Linux, Windows
- **Web Skills:** HTML, CSS, Javascript, ReactJS, NodeJs, Express, MongoDB

## POSITIONS OF RESPONSIBILITY

- **Research Assistant,**IEM IEDC Lab, IEM Kolkata — *Feb. 2024 - Sept. 2024*

## CERTIFICATIONS

- NPTEL certification on Fundamental Algorithms: Design and Analysis — *View Certificate*
- NPTEL Certification on Software Testing — *View Certificate*