Ankit Kumar

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Projects

Major Projects

- **E-Cell IIITG,** Full Stack Developer, August 2020 - Present
    1. Involved in the development and redesign of the frontend
    2. Working on the following projects presently
        - Semester Result Automation
        - Digital Certificates Portal
        - Semester Registrations Portal
        - Alumni Portal

    Technologies Used – HTML, CSS, JavaScript, MongoDB and React.

- **IIITG's Technical Board Portal**, Full Stack Developer, March 2020 – Present
    1. Designed and developed the frontend using basic web technologies.
    2. Made APIs for common tasks like routing, creating, deletion, etc.
    3. Documentation of the work, so, that it can help the future team members.

    Technologies Used – HTML, CSS, JavaScript, Node.js and MongoDB.
    GitHub Repository – Technical-Board-IIITG/TechBoardWebsite

- **Yuvaan 2020 Website,** Frontend Developer, February 2020 – March 2020
    Designed and developed the frontend of the website and made some contributions to the backend which mainly involved the registrations for the events.
    Note - Due to the cancellation of the event due to the Coronavirus Outbreak, the website is incomplete but the majority of the intended functions are working properly.

    Technologies Used - HTML, CSS, JavaScript, Firebase and various other JS libraries.
    GitHub Repository – mynameisankit/Yuvaan2020
    Website - http://www.iiitg.ac.in/yuvaan2020/

Mini Self Projects

- **Euler Bot** – A bot to be used on discord intended for CodeForces. The intention was to maintain a database of solved questions to ease the process of revisiting key ideas and applications of DSAs but now building more features to fetch test cases, submissions, etc and can be easily extended to other sites.

    Technologies Used – JavaScript, Node.js, Discord.js and LowDB.
    GitHub Repository – mynameisankit/Euler-Bot

Skills

- **Programming Languages** – C, C++ and Java
- **Scripting Languages** – JavaScript and BASH
- **Markup/Styling Languages** – HTML and CSS
- **Tools** – Firebase
- **DataBase Management System** - MySQL
- **VCS(Version Control System)** – Git
- <u>**Web Development**</u>
  - **Server Side -** Node.js
  - **Frameworks/Libraries** – Vue and Bootstrap
- **Domains** – Full Stack Web Development, Data Structures and Algorithms and Scripting.
- **Programming Paradigms** – Procedural, Object Oriented and Functional
- **Miscellaneous -** JSON

Education

Institution	Specialisation	Year
Indian Institute of Information Technology, Guwahati	Bachelor of Technology (B. Tech), Computer Science and Engineering	2019 – 2023 (Ongoing)
Air Force School, Viman Nagar, Pune (HSC)	Physics, Chemistry, Mathematics(PCM) and Computer Science	2018
Air Force School, Viman Nagar, Pune (SSC)	2016	2016

Relevant Courses Undertaken

- **Mathematics**
  1. **MA101 -** Introductory Calculus
  2. **MA102 -** Multivariable Calculus
  3. **MA203** – Probability
  4. **MA205** – Discrete Mathematics
- **Computers**
  1. **CS103 -** Data Structures
  2. **CS201 -** Algorithms
  3. **EC101 -** Digital Logic and Circuit Design
  4. **CS101 -** Introduction to Programming using ANSI C
  5. **CS202 -** IT Workshop
  6. **CS104** – Computer Organization

Position of Responsibilities

- **Programming Club (Avant) Coordinator,** August 2020 – Present
  As of now
  1. Contributed questions in the contests held on HackerRank
  2. Organized a UI/UX Competiton to promote the field of Frontend Development in the institute

- **E-Cell IIITG Technical Team Member,** August 2020 – Present

Extra-Curriculars

- I write blogs related to web development on medium.com/web-for-you.
- I have written some technical articles for the newsletter of my college named "The Curriculum Vitae" and can be found on iiitg-blogs.com.

References

Reference available upon request.