

Anish Aggarwal

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EDUCATION

National Institute of Technology Hamirpur

Hamirpur, Himachal, India

- *Bachelor of Technology in Computer Science and Engineering* **CGPA: 8.98/10**

Aug 2018 - May 2022

Relevant Coursework: Operating Systems, Object Oriented Programming, Data Structures, Algorithm Design.

EXPERIENCE

Problem Setter Internship

HackerEarth

Nov 2020 - Dec 2020

- Worked in a cross-functional team of 5 setters.
- Prepared several problems along with unit tests.

Google Summer of Code 2020

Elastic

May 2020 - Aug 2020

- Developed a playground service to generate code configuration of a component in certain state controlled via means of toggles, select.
- Added a **text-diff** utility/hook to generate a set of changes between two texts.
- Automated accessibility testing using **AXE** and debugged several issues.
- Designed tests for several components using **Enzyme**, react-test-renderer and mocked several functions using **Jest**.

Open Source Developer

Fossasia

Dec 2019 - Feb 2020

- Contributed to SUSI.AI project, an artificial intelligence bot.
- Among top 10 open-source contributors to SUSI.AI, with about 55 pull requests merged.

PROJECTS

Cpu-Scheduling-Simulator (Python, Operating Systems)

- Python project to simulate CPU scheduling algorithms like First Come First Serve, Priority Scheduling, Priority Preemptive Scheduling, Round Robin, Shortest Job First algorithm.

IDE (Electron, NodeJs, React, Express, TypeScript, Webpack)

- A Desktop tool to compile and edit *C++ or Python* code.
- Implemented functionalities like syntax highlighting and working on multiple files.

Mern-Connect (NodeJs, React, Express, MongoDB, Redux)

- Created an online platform based on MERN architecture to allow developers to connect with each other share posts, comment on posts, upload profiles via APIs.

CO-CURRICULAR

- **Mentor, Uplift program, GirlScript:** Coordinated with other mentors and guided 40+ students and developers getting started with open-source projects.

ACHIEVEMENTS

- **Google Coding Competitions, KickStart:** Ranked **634, 716, 257** in round D , G and H respectively. 2020
- **CodeAgon, CodeNation:** Ranked **165** globally out of 47596 participants. Sep 2020
- **Leetcode, Biweekly Contest 33:** Ranked 161 globally out of 11500+ participants. Sep 2020
- **CodeChef Coding Competition, July Lunchtime:** Ranked **28/7000** globally and among top 10 Indians. July 2020
- **Google Coding Competitions, KickStart:** Ranked **540 , 509** in round H and F respectively. 2019
- **ACM ICPC:** Ranked **249** among 3000 teams for Asia Kharagpur region. Oct 2019
- **AIEEE Merit:** Within top 3% of 1.1 million applicants in All India Engineering Entrance Exam. Apr 2018

SKILLS

- **Interests:** Software Development, Front-end Development, Web Application Development, Back-end Development.
- **Languages:** C/C++, JavaScript, HTML, TypeScript, Python.
- **Tools/Frameworks:** React, NodeJs, GraphQL, ElectronJs, Framer-motion, Git, Photoshop, AWS EC3.