

# 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

### Google Summer of Code 2020

*Student Developer at 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.
- Upgraded several dependencies such as **TypeScript**, react-router (Linked hashed-history with redux-store).
- 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.
- Worked with **React**, **Redux** and **webpack**.
- Integrated Github APIs for dynamic rendering of contributors.
- Among top 10 open-source contributors to SUSI.AI, with about 55 pull requests merged.

## PROJECTS

### SocketChat (C++, Network Programming)

*June 2020*

- Demonstrated a simple socket program that allows client and server communicate over TCP using sockets via specific IP address.

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

*Feb 2020*

- 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)

*Sep 2019*

- 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

- **Executive Member, Csec NITH**: Responsible for conducting monthly heuristics(coding) contest along with other teammates.  
*Oct 2019 - Present*
- **Mentor, Uplift program, GirlScript**: Coordinated with other mentors and guided 40+ students and developers getting started with open-source projects.  
*May 2020 - July 2020*

## ACHIEVEMENTS

- **July Lunchtime, CodeChef**: Ranked [28](#) world-wide 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 5 percentile of applicants in All India Engineering Entrance Exam.  
*Apr 2018*

## SKILLS

- **Interests**: Software Development, Front-end Development, web application development, Backend Development.
- **Languages**: C/C++, JavaScript, HTML, TypeScript, Python.
- **Frameworks**: React, NodeJs, GraphQL, NextJs, ElectronJs, Framer-motion.
- **Tools/Technologies**: Photoshop, Redux, Vercel, Jupyter Notebook, MongoDB, Git, Linux, Rest APIs.