

# Anish Aggarwal

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## EDUCATION

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### National Institute of Technology Hamirpur

Hamirpur, Himachal, India

• *Bachelor of Technology in Computer Science* **CGPA: 9.1/10**

*Aug 2018 - May 2022*

Relevant Coursework: Operating system, Computer Networks, Data structures, Relational Databases, Algorithm design.

## EXPERIENCE

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### Full Stack Developer

*Caarya Labs*

*Oct 2020 - Nov 2020*

- Developed Zunavish, an online Job portal. Currently being used by **20+** companies.
- Worked with React, goLang, MUX and AWS(**Elastic Beanstalk, S3, CloudFront, DynamoDB**).

### Google Summer of Code Developer

*Elastic*

*May 2020 - Aug 2020*

- Developed a playground service, where user can interact with the component's props to see in real time how different configurations affect visual and functional output. The playground system is capable of automatically generating the correct toggle type for a prop as well as the code configuration of the component.
- Added a **text-diff** utility/hook to generate a set of detailed comparison 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**.

### Technical Mentor

*Uplift program, GirlScript*

*May 2020 - July 2020*

- Coordinated with other mentors to guide 20+ students and developers getting started with open-source projects.

### Open Source Contributor

*Fossasia*

*Dec 2019 - Feb 2020*

- Contributed to SUSI.AI project, an artificial intelligence bot capable of producing personalized feedback.
- Added several functionalities to the chat-bot, like rendering out gif, music or video on user request.

## PROJECTS

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

- A Desktop tool to compile and edit *C++ or Python* code and render output based upon user provided input.
- Implemented functionalities like syntax highlighting, working on multiple files.

### Results Publishing System (Blockchain, NodeJs, MongoDB)

- Developed an Asymmetric Key Encryption based Result Publishing System to ensure confidentiality of student grades.
- Utilized Blockchain's immutable nature to ensure authenticity of grades.

### WebImg-Generator (AWS, Sharp, TypeScript, Cloudformation)

- AWS serverless Lambda to trigger on new files in an S3 bucket with a path within a specific folder and optimize them for the web, and store them in the same bucket within another folder.

### GraphQL-on-Elasticsearch (Elasticsearch, GraphQL, ExpressJs)

- A utility to make GraphQL queries(eg: get, create) on Elasticsearch cluster.
- Capable of automatically pulling out the GraphQL-Schema from the Elasticsearch Index.

## ACHIEVEMENTS

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- **Google Coding Competitions, KickStart**: Ranked 325 in round A. *2021*
- **Elastic Contributor Program**: Ranked **1 world-wide**, and was highlighted during Elastic Community Conference. *Feb 2021*
- **CodeAgon, CodeNation**: Ranked 165 globally out of 47596 participants. *Sep 2020*
- **Leetcode, Biweekly Contest 33**: Ranked 161 globally out of 21500+ participants. *Sep 2020*
- **CodeChef Coding Competition, July Lunchtime**: Ranked 28/7000 globally and among top 10 Indians. *July 2020*

## SKILLS

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- **Languages**: C/C++, JavaScript, HTML, TypeScript, Ruby, GoLang, Python.
- **Tools/Frameworks**: React, NodeJs, GraphQL, ElectronJs, Elasticsearch, Framer-motion, Ruby on Rails, Git, Ethereum, AWS.