Anish Aggarwal

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EDUCATION

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

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

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.

Sick-Fits (React, NextJs, Apollo, GraphQl, Prisma)
- An online ecommerce-site to facilitate transactions, with stripe checkout and password reset mailing functionality.
- Overcame cookie recoil by resolution of obsolete dependencies.

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 rest APIs.

ACHIEVEMENTS

- **Elastic Contributor Program**: Ranked **1 world-wide**, and was highlighted during Elastic Community Conference. *Feb 2021*
- **Facebook, Open Source Immersion Program**: Participated in open source Immersion Challenge.   *2020*
- **Google Coding Competitions, KickStart**: Ranked 109, 291, 257, 172, 119 in round B, D , E, 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 21500+ participants.   *Sep 2020*
- **CodeChef Coding Competition, July Lunchtime**: Ranked 28/7000 globally and among top 10 Indians.   *July 2020*

SKILLS

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