Anish Aggarwal

Github : anishagg17 | **Linkedin** : anish1712 | **Email** : anish.who@gmail.com | **Portfolio** : anish.codes

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

Consultant – Full Stack Development
Caarya Labs — *Oct 2020 - Nov 2020*
- Developed Zunavish, An online Job portal.
- Worked with React, goLang and AWS(**Lambda, S3, CloudFront, DynamoDB**).

Google Summer of Code Developer
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**.

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.
- Among top 10 open-source contributors to SUSI.AI, with 54 pull requests merged and 5k lines of code addition.

PROJECTS

IDE (Electron, React, Express, TypeScript, Webpack, GraphQl, Prisma)
- A Desktop tool to compile and edit *C++ or Python* code.
- Implemented functionalities like syntax highlighting, working on multiple files, authentication and saving code online.

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.

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.

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.

ACHIEVEMENTS

- **Elastic Contributor Program**: Ranked **1 world-wide**, and was highlighted during Elastic Community Conference. *Feb 2021*
- **Google Coding Competitions, KickStart**: Ranked 109, 91, 257, 72, 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*
- **Facebook HackerCup**: Advanced to the second round *Oct 2020*
- **CodeChef Coding Competition, July Lunchtime**: Ranked 28/7000 globally and among top 10 Indians. *July 2020*

SKILLS

- **Languages**: C/C++, JavaScript, HTML, TypeScript, Python, SQL.
- **Tools/Frameworks**: React, NodeJs, GraphQL, ElectronJs, Sci-kit Learn, Framer-motion, Git, Photoshop, AWS, Tensor-Flow.