Anish Aggarwal

Github/anishagg17 | **Linkedin**/anish1712 | anishagg17@gmail.com | **Portfolio** : anishagg17.github.io | +91-98820-61709

EDUCATION

National Institute of Technology Hamirpur *Hamirpur, Himachal, India*
- *Bachelor of Technology in Computer Science and Engineering* ***CGPA:*** 9.21/10 *July 2018 - May 2022*

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

EXPERIENCE

LinkedIn
Software Developer Intern *May 2021 - Aug 2021*
- Worked on login team. Dealt with different member authentication flows, cookie validation and renewal.
- Worked with cryptographic asymmetric and symmetric encryption involving **ECDSA**, **RSA**, **AES** in **C++** and **Java**.
- Conducted benchmark evaluation over the **Apache Traffic Server** to compare performance results of a standalone executable under different parameters and conditions.
- Reduced the signing time by **75%**, owned the project end to end and managed to ramp the code to production.

Fiverr *https://www.fiverr.com/anishaggarwa259*
AWS Freelancer *April 2021 - May 2021*
- Developed AWS serverless Lambda using **Sharp**, **SAM** that operates on newly uploaded images in an S3 bucket within a specific folder, optimize them for the web, and store them in the same bucket within another folder.
- Currently used in production mode, reduces image size to **40%** of original and helps attain faster responsiveness.
- Developed a image-captioning lambda using **serverless** framework, **Cloudformation**, **TypeScript**, **lambda-layers** and **canvas**, capable of accepting font−url and image−url and responds back with **Base64** encoded image.
- Worked with **Amplify** to integrate Stripe payment workflow based upon different subscription types and trials.

Caarya Labs *https://zunavish.com*
Full Stack Developer *Oct 2020 - Nov 2020*
- Developed Zunavish, an online Job portal. Currently being used by **20+** companies.
- Worked with ReactJs, goLang, MUX and AWS(**Elastic Beanstalk, S3, DynamoDB, Lambda**).
- Set up the Continuous Integration pipeline using **Travis** and Continuous Deployment using GitHub and **CodePipeline**.

Elastic *https://eui.elastic.co/pr_3681/#/navigation/button/playground*
Google Summer of Code Developer *May 2020 - Aug 2020*
- Worked on Elastic UI team, a component library to build UI of **Kibana**, **elastic-charts** and other internal products.
- Developed a playground service, to see in real time how different props 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**.

PROJECTS

IDE (Electron, React, Express, TypeScript, Webpack) *github.com/anishagg17/Ide_desktop*
- 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.

LEADERSHIP AND ACHIEVEMENTS

- **Open Source Contributions** : Contributed to Jest(FB), Susi.ai(Fossasia) and Bulldozer(Palantir) *2021*
- **Uber HackTag, Uber**: Among top 15 students out of 24k to qualify for the final round of the Hackathon. *2021*
- **Elastic Contributor Program**: Ranked **1 world-wide**, and was highlighted during Elastic Community Conference. *Feb 2021*
- **Executive member CSEC**: Responsible for hosting monthly coding challenges Heuristics for about 30-90 participants. *2020*
- **CodeAgon, CodeNation**: Attained a global rank of **165** out of 50k participants. *Sep 2020*
- **CodeChef Coding Competition, July Lunchtime**: Ranked **28/11k** globally and among top 5 Indians. *July 2020*

SKILLS

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