

Anish Aggarwal

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EDUCATION

National Institute of Technology Hamirpur

Hamirpur, Himachal, India

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

Aug 2018 - May 2022

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

EXPERIENCE

LinkedIn

Software Developer Intern

May 2021 - July 2021

- Working with authentication team to develop an activity tracker, to identify malicious users/bots and send a notification email to their registered email.

Caarya Labs

Full Stack Developer

<https://zunavish.com/>

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, CodePipeLine, DynamoDB, Lambda**).

Elastic

Google Summer of Code Developer

https://eui.elastic.co/pr_3681/#/navigation/button/playground

May 2020 - Aug 2020

- 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**.

Fossasia

Open Source Contributor

<https://susi.ai/>

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

ARLearning (Augmented reality, Java, ML, tensorflow, camerakit)

- The application searches for the object in and around and identifies the object with model trained using a large dataset. After the image recognition by the model the object will be identified and then is searched in augmented reality database(AR database) and after the object is searched in that the 3D will be rendered upon that.

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.

WebImg-Generator (AWS, Sharp, TypeScript, Cloudformation, SAM, Lambda)

[Video Demo]

- AWS serverless Labda that uses S3 PUT as a trigger to operate 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.

C++-Video-Stream (C++, web-server, mongoose)

github.com/anishagg17/cpp-video-stream

- A C++ web-server to stream video. Implemented 2-endpoints, one hangs forever and returns MJPEG video stream while other one serves static HTML.

ACHIEVEMENTS

- **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**: Achieved 161 global rank 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, Solidity.
- **Tools/Frameworks**: React, NodeJs, GraphQL, ElectronJs, Elasticsearch, Framer-motion, Ruby on Rails, Git, Ethereum, AWS.