

AARUSH GOYAL

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Education

IIT Madras

Bachelor of Programming and Data Science

Sept. 2021 – Aug. 2024

Madras

Christ University

Bachelor of Computer Applications

July 2021 – May 2024

Delhi

Experience

Cadence IQ

Software Engineer Intern

Jun 2021 – August 2021

Remote

- Developed a complex and scalable chrome extension by using React and built interactive and responsive user interfaces.
- Utilized Github Actions to provide a continuous integration service in order to automate the process of deployment.
- Maximized applications' efficiency, data quality, scope, operability, and flexibility and liaised with back end developers, front end developers, quality assurance testers, and CTO as needed in an agile test driven environment.
- Integrated Machine learning algorithms using Open Ai GPT-3 to produce automated messages and emails for Sales Executives which increased lead conversion by over 10x and boosted profits before tax by more than 200 percent.

Coin Distro

Software Engineer Intern

Jun 2020 – Jun 2021

Remote

- Developed full-stack web applications which processed, analyzed, and rendered data visually.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Implemented various REST APIs and integrate them to get the data in form of JSON from the database and posting the user input and managed time-sensitive updates, including content changes and database upgrades.
- Deployed and a Maintained network of 30+ Unix servers using Kubernetes on AWS EKS with 99.9 percent up-time.

Projects

Job Unicorn (Under Development) | Node, Web3, Rust, Kubernetes

August 2021

- Developed a decentralised platform where people can post and apply for jobs and carry out transactions using crypto.
- Implemented Ceramic for data streaming and Decentralised Identifiers to devise a decentralised authentication system.
- Wrote smart contracts on Rust to implement the functionality of programmable transactions on the basis of job status.
- Utilized Nestjs to write a scalable microservices and used Swagger API for documenting the public and private APIs.

Next and Chakra | React, Next, Nginx

July 2021

- Engineered a frontend template using Next JS and Chakra UI to provide ease of development in steady environments.
- Wrote configurations for Docker Swarm to easily automate deployments using CI/CD in a container driven deployment.
- Utilized Nginx for load balancing to increase availability, reduce points of failure to achieve lower duration of downtime.

Narutomeow | JavaScript, AWS, Docker

April 2021

- Developed a simple discord bot to track prices from Amazon and notify users if the price is under the target price.
- Implemented puppeteer to create a scraper that performs monitoring of the price in a scheduled way by using cron jobs.
- Deployed the project on AWS EC2 using Docker and handled automatic updates using Watchtower and Github Actions.

Relevant Skills

Languages:	Python, JavaScript, TypeScript, GoLang, Rust, HTML, CSS
Frameworks and Libraries:	Nodejs, React, Nextjs, Express, Nestjs, Fiber Redux, Web3, Near Blockchain
Cloud:	Docker, Kubernetes, Prometheus, CI/CD, Github Actions, AWS, GCP
Developer Tools:	Postman, Fish, Git, Github, Nginx, Figma
Databases:	PostgreSQL, MYSQL, MongoDB, Ceramic