

EDUCATION

ICFAI University

BTech in Computer Science & Engineering\_\_\_\_\_CGPA: 8.8

Agartala, Tripura

Sep 2020 – Aug 2024(Expected)

WORK EXPERIENCE

Software Engineer Intern

Apr 2023 – May 2023

SKYSCANNER

Remote - UK

- Engineered a dropwizard **micro-service** to facilitate seamless search experience for users; developed algorithms that delivered search results within **3** seconds, resulting in a **25%** increase in user engagement.
- Constructed the data flow architecture for the application, including handling and processing of 10k+ user searches daily; integrated **machine learning** models that optimized search results and increased click-through rate by **30%**
- Created a **JSON** serialization method for search results that increased communication efficiency by **23%**, allowing the application to return search results to users **faster**.
- Developed a data **deserialization** mechanism that **seamlessly** integrated with the application, reducing search processing **time** by **17%** and improved user experience.

DSA & Dev Mentor

Sep 2022 – Apr 2023

10X Academy

Remote – Tamilnadu

- Mentored over **500+** students & working professionals, in DSA & Dev.Taken **1:1**, group mentoring, doubt sessions.
- Helped them in **debugging** codes, assignments & various projects.

Software Development Engineer Intern

May 2022 – Nov 2022

USTHAAN INTEGRATED SOLUTIONS PVT LTD

Remote – Mumbai, Maharashtra

- Wrote **Unit tests** and **e2e** tests for the application using **Jasmine, Karma, chaiJs & mocha**.
- Increased the code coverage from **33 to 92** percent, created a new service to avoid multiple deployments, this **reduced the time** taken during **deployment** of the services.
- Developed **JSON** Schemas & implemented **Lambda** functions on **AWS** for real-time **email** notifications of new orders & signups.
- Utilized **JIRA** to track and report issues and analyzed **Jenkins** and Rapid Automation Software logs to troubleshoot and resolve issues with **microservices**.
- Worked with **AWS** Cloudformation templates to manage services like **EC2, S3 buckets, Dynamodb**.
- Reviewed, analyzed and **optimized 20+** pull requests to ensure the **highest quality code** and adherence to industry best practices; **improved code stability** by **25%** through active collaboration with developers.
- Engineered and implemented an **automation pipeline** for deploying services in **prod** and **alpha** environments using **Groovy** and **Jenkins**; **reduced deployment time** by **40%** and enabled **faster** feature delivery with **less downtime**.

ACHIEVEMENTS

- Global Rank **195** out of **26000+ Teams**. Among **Top 0.7%** in **Amazon ML Hackathon** [Machine\\_crackers](#)
- Global Rank **29** out of **2000+ Teams**. Among **Top 2%** in Prediction of Wild Blueberry Yield on **Kaggle** [Data Blockers](#)
- Expert** on **Codeforces**. (Max Rating **1748**) [Profile Link](#)
- 5\*** on **Codechef**. (Max Rating **2033**) [Profile Link](#)
- Knight** on **LeetCode** ( **1250+** solved & Max Rating **1858**) [Profile Link](#)
- Global Rank **11** , AIR **2** out of **25000+** participants in CodeForces Round 867
- Global Rank **44** , AIR **31** out of **26000+** participants in Codechef Starters 30
- Global Rank **134** , AIR **47** out of **19000+** participants in LeetCode Biweekly 93

SKILLS

- Languages** : C, C++, Python, Java, JavaScript, Typescript, HTML/CSS
- Frameworks/DB** : NodeJs, React, Chai, Mocha, Sinon, Express, Jasmine, SQL, ElasticSearch
- Libraries** : Pandas, Keras, Tensorflow, Sklearn, OpenCV, Seaborn, NumPy, Matplotlib
- Dev Tools** : Git ,Bitbucket, Jira, AWS, Docker, Jenkins, Postman

PROJECTS

MINDSEYE

Python, Stable Diffusion, Tensorflow, Pytorch, Regex

[Source Code](#)

- MindsEye** is a text-to-image model based on **Deep Learning** and is trained with thousands of image-text pairs.
- It is capable of generating **realistic images** from **any text input**. It is similar to OpenAI’s DALL-E, MidJourney. [Demo](#)

GO-MEETIFY

html5, CSS, JavaScript

[Source Code](#)

- A **Chrome Extension** that notifies people when certain words are being spoken during **Google Meet** Meeting. It supports in **Chrome/Firefox** browser. We can set the alert words by any word we want to get **notified** for. [Demo](#)

QUICKRIDE

html5, Node, JavaScript, MongoDB

[Source Code](#)

- Developed **Quickride**, a telegram **bot** that enables users to book a taxi without downloading an app; facilitated quick bookings, ride history checks, and real-time driver connections.
- Creating Quickride’s customer **support** system, which will enable users to contact support and resolve issues easily. [Demo](#)