

Adrij Shikhar

Personal Info

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Github

<https://github.com/adrijshikhar>

LinkedIn

<https://www.linkedin.com/in/adrij-shikhar/>

Website

<https://adrijshikhar.github.io/>

Skills

JavaScript, TypeScript, GraphQL, GoLang, C++, Python, Java, Bash, SQL, Lua, Dart, PHP, Git, HTML/CSS, Sass

Software

ReactJS, Redux, ExpressJS, NodeJS, Docker, Kubernetes Gulp, Grunt, Deno, Flutter, jQuery

MySQL, Laravel, MongoDB, Postman, MongoDB Compass, Github, VSCode

Awards

Dec 2020

3rd Place - CSAW Embedded Security Challenge 2020 - Global

Dec 2020

1st Place - CSAW Embedded Security Challenge 2020 - National

Certificates

Jan 2021

GCP Cloud Architect

Education

Chemical, B. Tech.

Indian Institute of Technology, Roorkee

July 2018 - July 2022

Work History

Software Development Intern

Sep 2021 - Oct 2021

Hevo Data, Bangalore

- Added support for 'wal2json' output plugin for postgres logical replication.
- Reduced WAL processing time taken by the platform, by **60%**.
- Implemented dynamic plugin selection using Guice dependency injection.
- Ensured stability by benchmarks and unit tests. Tech Stack: Java

Software Development Intern

Jun 2021 - Aug 2021

MTX Global, Hyderabad

- Worked on curating ETL data pipeline from concept to proof of concept.
- Implemented on-demand data transformations using Apache Spark, and streaming the same using Apache Kafka onto Google Cloud Platform.
- Containerized individual components of the pipeline for better development and deployment. Solely configured and maintained pipeline on Google K8s Engine.
- Orchestrated data visualization service to configure overlayed charts.

Full Stack Developer Intern

Apr 2021 - May 2021

Triomics, Gurgaon

- Collaborated with the core founding team on the initial stages of the platform.
- Setup infrastructure for the applications, keeping scalability and security into account.
- Developed management dashboard service for micro and macro level user access across the apps.
- Customized D3 for visualization of data, fitting our use case.

SDE Intern

Oct 2020 - Mar 2021

Rephrase.ai, Bangalore

- Ensured stability of the product by integrating tests and error handling.
- Optimized uploading and validating data from user's end.
- Implemented Stripe, Sentry, Clickup for better development cycle.
- Integrated continuous integration and ensured continuous delivery among various services.
- Worked on graphene to optimize API performance.

SDE Intern

Apr 2020 - Jun 2020

Powerplay, Bangalore

- Implemented core features and structure from concept through deployment.
- Introduced REST API, server-side pagination and JWT based authentication system.
- Standardized UI libraries by enclosing them in highly customizable wrapper for code reusability. Assessed UX and UI designs for technical feasibility.
- Developed standard and ad hoc report in table format.
- Collaborated with product team members to implement new feature developments.

Projects

CodeRunner 2.0 | SDSLabs

Oct 2019 - Present

- Program code compiler is written in go.
- Implemented core functionality CLI and exposed as API.
- Designed central agent to govern micro services, optimise cost & increase reliability.
- Added GRPC server to spawn runners in docker environment with custom log factory.

Accounts V2 | SDSLabs

May 2020 - Present

- It is an indigenous multi-provider authentication framework based on OAuth-2.
- Optimized the OAuth flow and containerizing the applications for better stability and scaling.
- Worked on additional features such as server-side Redis caching.

Courses

Jan 2021

Quantum Computing

Activities

Dec 2018

Winter of Code

Aug 2019

CodeFunDo++

Oct 2019

Hacktoberfest

Jan 2020

Global Gam Jam

Jun 2020

Microsoft Visual Studio Code Hackathon

Oct 2020

Slash and Hack GraphQL

Nov 2020

INOUT 7.0

Dec 2020

CSAW

References

Gaurav Manik

Associate Professor, Indian Institute of Technology, Roorkee

gaurav.manik@pe.iitr.ac.in

Shubham Goyal

Co-founder & CTO, Co-founder & CTO

shubhamk.goyal2525@gmail.com

Cerebro | SDSLabs

Mar 2019 - May 2020

<https://cerebro.sdlabs.co/>

- An online competitive platform for machine learning enthusiasts in the campus of IIT Roorkee.
- Implemented Admin Panel to host and manage machine learning competitions with submissions and managing posts.
- Worked on additional features such as edit post and lazy loading of news feed.

Issue Labeler Bot | SDSLabs

Sep 2020

<https://github.com/sdlabs/SDSLabs-Issue-Labeler>

- ML-bot to automate the labelling of issues on Github by critical analysis of its content.
- Generated training dataset by scraping around 20,000 issues on Github.
- Fine-Tuned the Google Bert Model on the dataset. Exported the trained model to integrate it with the Github bot.

ScraperQL | SDSLabs

Oct 2020

<https://scraperql.herokuapp.com/>

- Web scraper using recursive power of GraphQL.
- Created in NodeJS and is hosted as an API service.
- Integrated GraphQL to run scrape queries

Slackbot | SDSLabs

Jan 2021 - Present

- A simple yet extensive bot written in Golang, which uses Sockets to communicate to Slack API.
- Developed core features with plugin layer for attaching different bots onto one single point.

Kill-Zee | SDSLabs

Jan 2020

- A small tactical game in Lua to kill zombies and protect your tower before its too late.
- Spearheaded and implemented the underlying core features and worked on performance optimization.

Cognizance PWA | IIT Roorkee

Jan 2019 - Feb 2020

- Worked on designing the architecture and implementing core features.
- Ported the legacy code from webpack v2 to webpack v4 and restructured the dependencies.
- Worked alongside design team for faster and better development cycle for the UI.

Positions of Responsibility & Extra Curriculars

Joint Secretary | SDSLabs

Jan 2019 - Present

- Under the hood of the group, we promote technical culture on the campus by conducting hackathons, lecture series, and competitions.
- Responsible for maintaining current applications and server management.
- Mentored freshmen students in their projects for the Winter of Code program.

Manager | Entrepreneurship Cell

Feb 2019 - Feb 2020

- Conducted meetings, hands-on workshops and events on various topics related to entrepreneurship and startups.
- Participated in various case studies regarding SaaS.

Executive | Student's Club

Aug 2020 - Present

- Maintained E-Portal for Student Club which is used for booking activities under the club.

Executive | Cognizance

Jan 2019 - Feb 2020

- Worked in a 3-tier team of 5+ executive members, associate members, and co-coordinators to establish web presence of Cognizance 2019 and 2020.
- Worked as a Manager Web in 2019 and 2020