

EDUCATION

B.Tech.

K. J. Somaiya College of Engineering

08/2018 - Present

8.61 GPA

WORK EXPERIENCE

Java Developer Intern

Enfusion Soft Tech India Pvt. Ltd.

01/2022 - Present

Achievements/Tasks

- Working under Portfolio Management Systems (PMS) department.
- Tech: **Java, Spring, MySQL, Redis**

Software Engineering Intern

Smollan India

09/2021 - 10/2021

Client: **Google, India.**

Achievements/Tasks

- Worked on internal tools to **reverse engineer consumer brand journeys**. It collects and processes publicly available digital footprints to **generate real time insights** into the consumer journey.
- Moving **current codebase to Google Cloud** including scheduling and ensuring proper delivery.
- Tech: **Flask, MySQL, NLTK, NumPy**
- Cloud: **Google Cloud Run**

Contact : Aashish Mittal - aashish.mittal@google.com

Development Intern

Milkie Way, Inc.

04/2020 - 05/2020

Achievements/Tasks

- Integrated **data pipelines** to pump in data.
- Developed a customized **scalable** framework for **web scraping** which made **indexing** websites faster than ever.
- Enabled **webhook architecture** to avoid **polling**.
- Other Responsibilities Include - Code Refactoring, Ensure Proper Scraping, etc.
- Tech: **Python, Flask, NodeJS, Cheerio**
- Cloud: **Google Cloud Functions, Firebase**

Contact : Sudeep Chauhan - sudcha@tomilkieway.com

ORGANIZATIONS

Computer Society of India - KJSCE Chapter
(01/2019 - 05/2019)

FE-Representative

SKILLS

Java Python Flask MongoDB

Node.js AWS Parallel Computing

Java Concurrency NuxtJS DynamoDB

Tailwind Docker

PERSONAL PROJECTS

Enigma - Compute Sharing Marketplace

- A distributed platform to **run map-reduce clusters** dynamically on people's idle devices.
- A platform using **docker** under the hood to run and orchestrate tasks.
- Tech: **Docker, Electronjs, NuxtJS, Flask**

Tracer

- End-to-End **URL shortening service**, providing **smart analytics** for audience.
- 60 daily active users, 500 registrations, 300 daily hits on tracer shortened links. - (1st month)
- Built on **microservice architecture**, deployed on **AWS**. (Lambda, API Gateway, Route53, S3)
- Tech: **Flask, Nuxt.js, BulmaCSS, DynamoDB**

Buglytics

- Centralised Bug Reporting System, for Modern De-Centralised Systems
- Any error, along with other details can directly be streamed to Buglytics which will then trigger necessary **triggers** (configured by developer), **push a notification to developers** regarding error details.
- Tech: **Flask, NuxtJS, PostgreSQL**

SQLtoJSON

- Say Good Bye to Cursors, Connections, MySQL Drivers. This package has everything covered. And that is not the best part.
- Best part is you get an easy to use web interface where you can see your **"in-code" query history** and try new queries.
- Tech: **Flask, SQLite, Bootstrap**

CERTIFICATES

Linux Web server High-Availability clustering.

Built **Master-Backup servers** with **centralised storage** including **leader election algorithm** for fault tolerance.

AWS Fundamentals: Building Serverless Applications

Passed Assessments with a grade of 97.8%

Parallel Programming in Java

Passed Assessments with a grade of 88.00%

INTERESTS

Mathematics Computer Networks

System Design Distributed Systems