

ANTRIKSH GANJOO

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Education

University of California Irvine

Master of Science in Computer Science

Sep. 2022 – Mar 2024

Irvine, CA

National Institute of Technology Surat

Bachelor of Technology in Electronics and Communications

Sep. 2017 – May 2021

Surat, IN

Technical Skills

Languages: Java, C++, Python, SQL

Developer Tools: Git, VS Code, Google Cloud Platform, AWS, Kubernetes, Docker, Datadog, Postman, IntelliJ

Web Technologies/Frameworks: React, Javascript, Java Spring Boot, Node, Express

Experience

Social Finance Inc.

Software Engineer Intern

Jun 2023 – Sep 2023

San Francisco, CA

- Worked on integrating Prometheus and Grafana with various chaos reliability tools for better monitoring and reliability of applications deployed in Kubernetes test clusters.
- Performed chaos tests using Litmus, Chaos Mesh, and Gremlin in a multi-node Kubernetes test cluster and deployed appropriate RBAC and security policies required to run these tests efficiently.
- Successfully built Datadog dashboards to visualize metrics and logs for monitoring these chaos tests.

Projects

Real Time Stock Data Analysis | *Python, AWS, Apache Kafka*

March 2023

- Developed python script to push data from publicly available stock market dataset to Kafka cluster running on AWS EC2 instance.
- Implemented Consumer end code to gather data from Kafka cluster and push it to AWS S3 object-store.
- Utilized Glue Crawler to crawl the schema out of different files and built a data catalog.
- Utilized **AWS Athena** to run SQL queries on real-time stock data for further analysis of the dataset.

Note Zipper | *ReactJS, Bootstrap, MongoDB, ExpressJS, NodeJS*

November 2022

- Built a MERN full-stack web application for securely storing personal notes.
- Used MongoDB as (No-SQL) database for adding the CRUD functionality, integrated it with NodeJS using the Mongoose library.
- Optimized workflow and performance by **21%** and used Postman to test APIs which helped in diminishing the potential for errors.
- Created the user authentication functionality using the JSON web tokens.

Cloud Vendor API Design | *Java Spring Boot, Spring Data JPA, MySQL*

September 2022

- Implemented RESTful APIs in Spring Boot and connected with Spring Data JPA and MySQL Database.
- Tested the application with Postman tool and MySQL Workbench.
- Performed **Unit Tests** on all layers of the application using JUnit, assertj, mockito, h2database, and spring framework test package.

Disney Plus Clone | *HTML5, CSS3, JavaScript*

October 2020

- Built a Front-End Clone of the Disney Plus streaming platform. Improved the UI experience by efficiently compressing the images and videos to decrease the load time of the website by **25%**
- Added components like automated side scroll, background video animation, add to watch-list tab, and various other functionalities like the original website.

Space Shooter | *Python 2.7, Pygame*

Aug 2020

- Used the Pygame (cross-platform Python module) to implement various functionalities.
- Designed the Laser and Ship objects using the Object-Oriented design (OOD) principles.
- Optimized performance and robustness by **20%** by using standard libraries, resulting in less latency and improved user experience.

Leadership / Extracurricular

- Selected as an AI scholar in **Intel Edge AI** Scholarship Foundation Course.
- Completed the **JP Morgan** virtual software internship during the summer of 2020.
- Organized an intra-college coding competition in collaboration with **Microsoft Student Partner**.