

Tanishq Sharma

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EDUCATION

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

B.Tech in Computer Science

LINKS

 tanishqsharma.dev

 tanishq-sharma

 linkedin.com/tanishqs

COURSEWORK

UNDERGRADUATE

- Data Structures
- Algorithms
- HLD
- LLD
- Java
- DBMS

TECHNICAL SKILLS

Programming Languages

Intermediate:

- Java
- C++

Beginner:

- Python
- Javascript
- Go

Frameworks

- Jackson
- Express
- Spring
- Spring Boot

Technologies

- Cloud Computing
- Docker
- Kubernetes

Database

- MySQL
- Postgres
- MongoDB
- Redshift
- Snowflake

Familiar With

- Git
- AWS
- Azure
- GCP

ACHIEVEMENTS

Spot Award | Fivetran 2023

EXPERIENCE

FIVETRAN

(Java, Data Warehouse, REST API, GraphQL, Webhook)

Software Engineer II | Sep 2022 - Present

- Implemented Basic Auth, OAuth, and IAM authentication flows to secure API access and manage roles for cloud services.
- Led the analysis and implementation of parallel processing optimisations which increased load throughput by 60%.
- Designed and implemented the feature for automating the creation of Private Links to databases, enhancing security in connectivity.
- Optimized existing services for multi cloud architecture, enabling seamless orchestration of microservices across client and public clouds.
- Developed and maintained data writers for loading data into databases like BigQuery, Snowflake, Redshift, Postgres.
- Enhanced database query performance through optimized SQL queries, improving response time and backend reliability and uptime by 99.9.
- Led and launched Fivetran's official application on Shopify's app store, adhering to global data and security best practices.

Software Engineer I | Aug 2021 - Sep 2022

- Reduced data integrity issues in data pipelines across the firm by introducing best practices.
- Engineered backend of automated data pipelines for Anaplan, Square, Workday, Shopify, Recharge, BigCommerce and Affirm.

PROJECTS

SHORTEN-LY (GITHUB)

Javascript, MongoDB, Nodejs, React

- Developed a full-stack URL shortening web app using Node.js, Express, React.js.
- Implemented RESTful API protocols and developed frontend using React.

CACHE ROUTINE (GITHUB)

Golang, Postgres, React

- Developed a full-stack web app implementing a caching routine using the LRU (Least Recently Used) algorithm.
- Implemented HTTP-based server connection protocol and developed frontend using React Hooks.
- Deployed application on an online server.

CERTIFICATIONS

SERVER SIDE DEVELOPMENT

Coursera.Org

MACHINE LEARNING AND COMPUTER VISION

Centre for Visual Information Technology, IIIT Hyderabad