Tanishq Sharma

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EDUCATION

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
B.Tech in Computer Science (2021)
CGPA: 8.2

LINKS

- ⌂ tanishqsharma.dev
- ⌂ tanishq-sharma
- in tanishqs

COURSEWORK

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

TECHNICAL SKILLS

Programming Languages
Intermediate:
- Java • C++

Beginner: • Python
- Javascript • Go

Frameworks
- Jackson • Spring
- Express

Technologies:
- Cloud Computing • Docker
- Kubernetes

Database:
- MySQL • Postgres • MongoDB
- Redshift • Snowflake

Familiar with
- Git • AWS • Azure • GCP

ACHIEVEMENTS

- Spot Award | Fivetran 2023

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EXPERIENCE

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

Software Engineer II | Sept 2022 - present
- Optimised existing services for multi cloud architecture, enabling seamless orchestration of microservices across client and public clouds.
- Designed and implemented the feature for automating the creation of Private Links to databases, enhancing security in connectivity.
- Led the analysis and implementation of parallel processing optimisations which increased load performance by 60%.
- Developed and maintained data writers for loading data into databases like BigQuery, Snowflake, Redshift, Postgres.
- Developed Basic Auth, OAuth and IAM authentication flows to secure API access and manage roles for cloud services.
- Enhanced database query performance through optimized SQL queries and improved backend reliability and uptime to 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 - Sept 2022
- Reduced data integrity issues in data pipelines across the firm by introducing best practices.
- Developed and maintained automated data pipelines for Anaplan, Square, Workday, Shopify, Recharge, BigCommerce and Afirm.

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