

DHIREN MATHUR

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SUMMARY

Curious software engineer with experience building and migrating backend services to highly scalable architecture. With a demonstrated history of going beyond the scope of the role and looking at things from both an engineering and management lens. Seeking to draw on these skills to build and scale Vidyo.ai

EXPERIENCE

Webex by Cisco

Software Engineer 3

Bengaluru, India

Nov 2021 | Present

- Lead rollout/delivery of data localisation feature for a distributed logging service with 0 data loss or duplication on large scale (involving 25+ services in multiple data centers each)
- Lead initiative to revisit legacy architecture of a service that will lead in reduction of upto 95% of database i/o.
- Optimised database queries to make them upto 2-20x faster and added a caching layer on top of that to speed up processing.
- Active part of architecture and delivery of large scale cross-team collaborative feature heavily utilising Redis as a cache and Kafka as an async message stream.
- Helping team grow by giving actionable feedback and helping them in a way that enables them to grow.

Software Engineer 2

Jan 2021 | Oct 2021

- Acted as an ad-hoc lead. Conducted daily scrum and helped plan feature development and sprints.
- Singlehandedly delivered an end-to-end feature right from requirements gathering, Design, Planning, Implementation, to Testing
- Worked on implementation of data localisation for a distributed logging service using Elasticsearch and Kafka/Mirrormaker based architecture.
- Implemented multithreading logic to parallelize workloads in service.
- Lead incident response efforts as part of on-call rotation to mitigation. Implemented takeaways from incidents into processes and code.

Software Engineer

Sept 2019 | Dec 2020

- Worked with cross-team engineering leads and PMs to understand the requirements to develop an event driven microservice from scratch.
- Wrote complex business logic and created REST APIs to enforce compliance features in Webex
- Responsible for setting up test framework of new service using Mockito and TestNG.
- Worked with message streaming technologies like Kafka and database like PostgreSQL.
- Responsible for Performance testing (using Apache Jmeter).
- Provided on-call support for self owned services as well as to sister teams in other time zones

SKILLS

Java, Spring Boot, Redis, Kafka, Elasticsearch, PostgreSQL, Mockito/TestNG, Apache Jmeter

EDUCATION

SRM Institute of Science and Technology

B. Tech. Computer Science and Engineering, 2019

Chennai, Tamil Nadu

Percentage: 80.56%

AWARDS

Best Paper Award

International Conference of Internet Of Things 2019

Recognised for presenting best survey paper in Track on "Secure Remote Healthcare Solution Integrating IoT and Blockchain".

Project was selected by the Dean among top 5 projects from CSE dept.