

Rajesh Sethi

Software Engineer

4 years of industry experience in product and platform development. Skilled in GO lang, Java, javascript, OOPs, AWS. Very good understanding of Concurrency, Scalability, Data structures, Algorithms, Database concepts and Operating system. Recognised consistently for performance excellence and contributions. Motivated to learn new skills/concepts and to adapt to new environments.

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WORK EXPERIENCE

Walmart Labs

Team: Store systems

07/2020 - Present

Responsibilities : Backend engineer

- Part of tech Modernisation team where the objective is to develop parallel systems for legacy systems at Walmart and eventually move to modern systems.

FreshWorks (formerly Freshdesk)

Team: Real time platforms

09/2018 - 07/2020

Responsibilities : Backend engineer

- 1) Job Scheduler :: Scaled it to support 24 million schedule reqs/day from 1 million schedule reqs/day. Scheduler service is used across all the products at Freshworks to schedule job at some point in the future, on a recurring schedule or run jobs right away.
- 2) Service Monitoring Framework :: developed service which monitors the performance and uptime of any REST or WebSocket API.
- As an individual contributor, i got the opportunity to get involved in research, design, code, test and infra part.
- End to end ownership & SPOC for above two services.
- Tech stack : Go lang, RabbitMq, Kafka, Mysql, DynamoDb, stasD, Telegraf, InfluxDB, Grafana, AWS.

SAP Labs India

Team: Public Services and Utility

10/2016 - 08/2018

Responsibilities : Backend Developer

- Worked on two visualisations products. Created UI components and developed backend services.
- Improved load time of the application. Used "Overlapping rectangles Algorithm" to bring down the load time.
- Techstack : Java, JavaScript, SAP ABAP, SAP HANA db.

Software Development Intern

SAP Labs India

02/2016 - 07/2016

Responsibilities

- Developed an automation tool using C++ which significantly brought down the time taken by manual process.
- Involved in code debugging and fixing.

EDUCATION

Master of Computer Applications

NATIONAL INSTITUTE OF TECHNOLOGY - TRICHY

07/2013 - 07/2016

GPA : 7.78

SKILLS

Data Structures & Algorithms

GO Lang

AWS

RabbitMq

Kafka

Database Concepts

OOPS

Java

OS

C++

SQL

Docker

Concurrent Prgramming

PERSONAL PROJECTS

INSIDE-OUT | A single player game | C++ [↗](#)

- A game on the lines of Pac-man. The player has to obtain all the objects across all the six levels to win the game in given constraints. (No backtracking).
- <https://setraj.github.io/gridgame>.

CODEONPAPER | JavaScript [↗](#)

- A platform to prepare for personal Interviews where you are asked to write code on paper/whiteboard.
- <https://setraj.github.io/codeonpaper/>

ACHIEVEMENTS

- Runner Up in CodeBrunch (Codechef) coding competition 2015, ACM-NITT chapter
- Secured 3rd position in code competition at Vortex 2015 at Nit Trichy
- Runner Up in SAPTechnikal 2018 Table Tennis tournament at SAP Labs

INTERESTS

Problem Solving

Distributed Systems

Cloud Computing