

Rajesh Sethi

Software Engineer

3.5 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. Recognized consistently for performance excellence and contributions. Motivated to learn new skills/concepts and to adapt to new environments.

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WORK EXPERIENCE

FreshWorks (formerly Freshdesk)

Team: Real time platforms

09/2018 – Present

Responsibilities : Backend engineer

- 1) Job Scheduler :: worked on scheduler service which 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. Scaled it to support 24 million schedule reqs/day from 1 million schedule reqs/day.
- 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

- 1) Connection Discovery :: this application offers interactive visualizations to gain insights and explore connections in the form of graphs
- Worked on both UI and backend part of the application. Created UI components and developed backend services to fetch data from SAP HANA database.
- 2) Planograph :: this application offers grid view of a warehouse or any such storage place.
- Used "Overlapping rectangles Algorithm" to bring down the load time of the application.
- 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 Programming

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