

Rajesh Sethi

Software Engineer

2 years of industry experience in product development as backend developer. Skilled in GO lang, Java, javascript, C++, OOPs. Very good understanding of Data structures, Algorithms, Database concepts, Design patterns and Operating system. Ability to learn new concepts and to adapt to new environments

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WORK EXPERIENCE

FreshWorks (formerly Freshdesk)

09/2018 – Present

Responsibilities : Backend engineer

- Developed a service monitoring framework in GO lang
- The framework requires swagger and testcase file of an API. It processes both of them and uses Go routines for concurrently executing the testcases defined in the testcase file.
- The framework probes the defined services in every 5 minutes and sends the performance metric to NewRelic
- The framework is deployed in multiple regions
- Developed a Dashboard through which API developers can onboard their swagger & testcase files easily.

SAP Labs India

Projects : SAP Connection Discovery | SAP Planograph

10/2016 – 08/2018

Connection Discovery tool offers interactive visualizations to gain insights and explore connections in the form of graphs

Responsibilities : Backend Developer

- Developed backend services to be consumed by UI. Wrote test cases for the developed code.
- Modified the existing logic of a module, which brought the time complexity to 1/10 of the second.
- Involved in the design discussions of backend of the application called SAP Planograph.
- Tools : Java, JavaScript, SAP ABAP
- Team Size : 11

Software Development Intern SAP Labs India

02/2016 – 07/2016

Responsibilities

- Developed an automation tool using C++ & Batch Script 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

OOPS

GO Lang

OS

Database Concepts

Design Patterns

Java

C++

JavaScript

HTML/CSS

SQL

PERSONAL PROJECTS

CRITICAL RESOURCE MONITOR | Java

- This application monitors a directory on a server where files are copied from multiple resources. This application keeps the size of the directory to a secured limit. It also handles removal of suspicious files from the directory.

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>

OOPs DICTIONARY | Java | Trie data structure

- This project is a menu-driven educative application for all fields of people for learning Object Oriented Programming Concepts. Implemented the Google Instant feature in the application.

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

- A district level Table Tennis player

- Runner Up in SAPTechnikal 2018 Table Tennis tournament at SAP Labs