

Rajesh Sethi

Associate software developer

1.6 years of industry experience in product development as backend and UI developer. Skilled in Java, Javascript, 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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🐙 github.com/setraj

WORK EXPERIENCE

SAP Labs India

Project : SAP Connection Discovery

10/2016 – Present

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

Responsibilities : Backend Developer

- Developed Java servlets to be consumed by UI.
- Developed UI modules based on the design decision and requirements.
- Developed stored procedures to do operations on database tables.
- Involved in the design discussions of backend of the application called SAP Planograph.
- Figured out critical performance and security issues and suggested the solutions.
- Involved in unit testing of modules developed by teammates.
- Tools : Java, JavaScript, GIT, MVC
- 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

Bachelor of Computer Applications

RAJIV ACADEMY FOR TECHNOLOGY & MANAGEMENT - MATHURA

07/2009 – 07/2012

GPA: 7.18

Class XII

Uttar Pradesh Examination Board

05/2007 – 05/2009

72.40

Class X

Uttar Pradesh Examination Board

05/2006 – 05/2007

62.16

SKILLS

Data Structures & Algorithms

OOPS

OS

Database Concepts

Design Patterns

Java

Multi Threading

C++

C

JavaScript

HTML/CSS

SQL

GIT

PERSONAL PROJECTS

CRITICAL RESOURCE MONITOR | Java | Multi threading

- 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.

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.

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) 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

INTERESTS

Blockchain

Competitive Programming

Problem Solving