

# Apoorv Saxena

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## Summary

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With a passion for software development and **1+ year of experience** in various **back-end** engineering, I am a skilled developer. I have contributed to the development of high-quality software solutions and designed REST APIs and microservices.

## Experience

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### Relaince Jio | Karnataka, Bangalore

#### Software Development Engineer(Deputy Manager) | 07/2022

- Working with Jio Ad-tech team, my primary responsibilities include designing, maintaining, providing technical solutions and implementation of **REST APIs and microservices** using Springboot, Elasticsearch, Redis, and Kafka.
- Successfully achieved** Redis migration support, resulting in improving the scalability and fault tolerance.
- Communication** with different organizational technical teams to add support for multi-ecom-partner methods using multiple frameworks, enabling seamless integration with various e-commerce platforms.
- Collaborative** with cross-functional teams while **designing** accordingly with the technical requirements, programming and unit-testing of **Curation UI** dashboard using Spring framework and MongoDB,.
- Test driven development with QA team for **high-quality delivery code** and maintenance, also written **Junits** for all the layers .

### Loople Solutions LLP | Delhi

#### Software Development Intern | 06/2021 - 07/2021

- Developed** and enhanced an Employee Database Management System, improving its functionality and performance.
- Proactive collaboration and write well-documented code with engineering team to **build a robust back-end architecture**, ensuring secure data transactions in compliance with best practices.
- Took initiative to create systems with best software development practices with **Agile** and code versioning tools like GIT.

## Projects

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### Driver Drowsiness And Posture Detection System.

- Developed an **innovative** driver drowsiness and posture detection system to enhance road safety.
- Created** a drowsiness detection software using the Dlib toolkit, accurately identifying facial landmarks for fatigue detection.
- Using new technologies, open pose to analyze driver posture. Displayed process efficiency and quality control.

### Task Manager API

- Developed and applied business logic Task Manager API project, building with **Node.js framework + MongoDB**.
- Developed Restful API** for user task management. Used **API authentication** using JWT token.
- Implementation of CRUD methodologies, **email functionality**, **file uploads**, and optimized data modeling.

### Real Time Web Chat App Using Socket.io.

- Designed** real-time web chat app using Socket.io. Enabled multi-user communication in a single chat room.
- Achieved** full duplex communication with efficient data transfer. Developed user-friendly interface using HTML 5 and CSS.

## Skills

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**Languages:** C++, Java ,Javascript. **Technologies:** Spring Boot, Node.js. **Databases and Systems:** Elasticsearch, Redis, MongoDB, MySQL, Kafka. **Others:** Git, Data Structures & Algorithms, Object-Oriented Programming, Computer Science fundamentals.

## Education

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Jaypee Institute of Information Technology | Noida, Uttar Pradesh  
B.Tech | 07/2022