

# Ravi Raushan Kumar

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## Experience

### Tata Consultancy Services

Aug 2022 – Present

Bangalore, India

Software Developer

- Designed and implemented **Restful APIs** for the 'Organization' module ensuring robust functionality and flexibility.
- Successfully **reduced** developer time significantly over **80%** through the implementation of Organization search functionality to locate specific Organization by name.
- Implemented data trimming functionality for the organization, resulting in a rapid **increase** in the client's **buyer** base by over **25-30%**.
- Developed Rest APIs for user registration, login, and user profile management, incorporating various **CRUD operations** for enhanced user experience.
- Executed **reset and forgot password** functionalities for users, integrating **email verification via OTP**.
- Created 'Connect with Us' functionality, enabling customers to raise their issues or concerns at any time which increased the customer satisfaction by more than **60%**.
- Provided prompt and sustainable solutions for bugs and issues encountered in the production environment, ensuring smooth operation of the system.

## Projects

### Blogging Back-end Application | Java, Spring Boot, Spring Security, Hibernate, MySQL, Postman

Github

- Empowered users to create posts with specified categories, manage their posts and view their own posts.
- Users can comment, update, and delete their comments and can also view all comments on a post.
- Applied **pagination**, **searching**, and **sorting** functionalities with informative messaging for post retrieval.
- Build role specific APIs for admin and normal user respectively and added **JWT authentication** for securing APIs.

### Smart Contact Manager | Java, Spring Boot, Spring Security, Hibernate, MySQL, JavaScript

Github

- Provided users with the ability to manage their contacts, including details such as name, nickname, mobile number, email, work information, description, and profile picture.
- Enhanced user experience by incorporating features like **change password** functionality and comprehensive client and server-side validation.
- Incorporated advanced functionalities such as pagination, search capabilities and a robust forgot password feature.

## Technical Skills

**Programming Languages:** Java, Python, SQL

**Back-end / Front-end Tech:** Spring Boot, Hibernate, Spring, JavaScript

**Databases:** MySQL, NoSQL

**Version Control:** Git, GitHub

**Cloud:** Amazon Web Services (AWS), Docker, Kubernetes

**Core Subjects:** Data Structure and Algorithm, Operating System, Networking, Database

**Miscellaneous:** Multithreading, Design Patterns, Low Level Design, High Level Design, Microservices, Agile, Kafka

## Achievements

- Solved **700+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and GFG.
- Contest Rating: **1587 @LeetCode**
- Secured World Rank **2473** among 28K+ participants in Leetcode Biweekly Contest 128, top **9%** of Leetcoders.
- Secured Global **Rank of 700** in Round **1 TCS CodeVita** Global Coding Competition.
- Secured Global **Rank of 1347** in Round **2 TCS CodeVita** Global Coding Competition.

## Education

Cochin University Of Science And Technology  
**B.Tech : Computer Science And Engineering(CSE)**

July 2018 - June 2022  
**CGPA : 8.97**