

# Rohit Saralla Narsimah

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 [leetcode.com/Saralla-Rohit](https://leetcode.com/Saralla-Rohit) |  [github.com/Saralla-Rohit](https://github.com/Saralla-Rohit)  [linkedin.com/rohit-saralla](https://linkedin.com/rohit-saralla)

**SUMMARY :** Computer Science graduate with strong expertise in full-stack development using the **MERN** stack and **TypeScript**. Proven strong problem-solving skills with **300+** **LeetCode** problems solved. Skilled in building **scalable** web applications, **microservices**, and **AWS** deployment. Strong communicator and team player, actively seeking roles in backend, frontend, or full-stack software development

## INTERNSHIP EXPERIENCE:

**UNIFIED MENTOR** | Duration: **3 months**

**Collaborated** with a **team of 4** to develop **scalable** web applications like VCH, Lease-Link, and Sports-Buddy as a backend developer.

- Implemented secure input validation and **JWT-based authentication** to safeguard APIs.
- **Automated** email workflows using **Nodemailer** with **dynamic EJS** templates for personalized messaging.
- Leveraged **MongoDB Aggregation Framework** for advanced querying and **optimized data retrieval**.
- Integrated **Cloudinary** for efficient media asset upload and management, ensuring **secure** password storage with **Bcrypt**.

## SKILLS :

- Front-End Development: **React**, **TypeScript**, HTML, CSS, Bootstrap, **Tailwind**, JQuery
- Back-End Development: Node.js, Express.js, RESTful APIs, **Microservices** Architecture, **JWT**
- Database Management: **MongoDB**, **MySQL**, **PostgreSQL**, **Redis** (Caching)
- Programming Languages: **Java**, JavaScript (ES6+), Python
- Cloud Services & Version Control Systems: **AWS (EC2 & S3)**, Git
- Other: Postman, **Data Structures & Algorithms**, OOP, Agile Methodologies, Unit & Integration Testing

## PROJECTS:

### Scalable Music Streaming App [Live Link]

- Built a responsive full-stack Spotify-like music streaming platform with **user authentication**, playlist management, and access control.
- Designed a microservices architecture with **PostgreSQL** and **Redis**, improving **scalability** and **modularity**.
- **Reduced API latency by 80% (200ms → 40ms)** using Redis caching deployed the platform on **AWS EC2**.
- Technologies: **React**, **Node.js**, Express, MongoDB, PostgreSQL, **Redis**, AWS, **JWT**, **TypeScript**, Cloudinary, Context API, Responsive Design

### Local Service Provider Finder [Live Link]

- Developed a location-based app to **connect users with local service providers** (e.g., electricians, Tutor, Coach).
- Implemented smart **filtering** by service type, price, and experience with **real-time geolocation support**.
- Technologies: **React**, **Node.js**, Express.js, MongoDB, RESTful APIs, **Geolocation API**.

### Room Search and Management Platform [Live Link]

- Created a personal tracking app for **comparing rental properties** visited physically.
- Allowed input of room details, **image uploads**, and filtering for better rental decisions.
- Technologies : **HTML**, **JavaScript**, **jQuery**, **Bootstrap**, **Node.js**, **Express.js**, **MongoDB**

## EDUCATION

- ❖ **Computer Engineering** | Nalla Narsimha Reddy, Hyderabad **7.0** | (Dec 2020-Jun 2024)
- ❖ **Information Technology** | XII (HSC) | Vikas Jr College, Mumbai (2020)
- ❖ **X (SSC)** | Guru Gobind Singh English High School, Mumbai **70.3%** | (2018)

## CERTIFICATION :

- **Unified Mentor Internship Certificate**
- **Data Structures and Algorithms**

**INTERESTS :** Chess, International Affairs.