

RAJ AGRAHARI

Prayagraj, Uttar Pradesh, India

+919799050147

rajagri1682003@gmail.com

linkedin

Github

Portfolio

Education

National Institute of Technology(NIT), Srinagar

Bachelor of Technology in Computer Science and Engineering (CGPA of 9.04)

Nov 2020 - Jul 2024

Jammu & Kashmir, India

Sarvodaya Senior Secondary School

Class XII (Percentage: 94%)

Mar 2020

Rajasthan, India

Experience

Oracle

Aug 2024 - Present

Associate Software Developer

Hyderabad, India

- Collaborated with a cross-functional team to maintain and enhance the **EMC** and **OPS** modules of **Oracle Symphony**, an end-to-end restaurant management solution.
- Introduced and implemented **2 new database tables (Data Extension Property and Data Extension Values)** used across **10+ modules**, enabling schema extension for configurable data entry in **EMC**.
- Collaborated and optimized a **CAL (Client Application Loader)** deployment pipeline to detect and resolve versioning conflicts, hierarchy structure overlaps, and invalid service host assignments across **10+ CAL packages**, improving deployment accuracy by **30%**.
- Diagnosed and resolved **30 critical and high-priority bugs**, reducing error rates by **25%** and contributing to a more stable and performant deployment.

Oracle

Jan 2024 - Jul 2024

Project Intern

Hyderabad, India

- Upgraded legacy POS codebase from **.NET 6** to **.NET 8** and **.NET Standard 2.0**, ensuring compatibility for **Windows-based enterprise systems**.
- Migrated and rebuilt **15+ internal and external package dependencies**, improving maintainability and aligning with future-ready .NET standards.
- Collaborated with QA and system integration teams to validate backward compatibility and perform regression testing across multiple POS hardware environments.

Projects

Device Information Application | .NET Framework, Windows Forms

- Engineered a **.NET-based Windows Forms application** to automate retrieval and display of **10+** system parameters (CPU, RAM, OS, disk info) from client machines, reducing manual audits by **90%**.
- Designed a responsive user interface using **Windows Forms** and facilitated data persistence through **XML document** handling.
- Tested and validated compatibility across **5+** legacy Windows OS versions.

TALK-A-TIVE | MongoDB, ReactJS, ExpressJS, ChakraUI, NodeJS, SocketIO

- Built a scalable **real-time chat platform** with **1-to-1 and group messaging**.
- Implemented **Socket.io** for real-time messaging and notifications with **30% lower latency**.
- Added email authentication and **role-based access control**, reducing unauthorized access by **40%**.
- Optimized data persistence using **MongoDB**, enabling **25% faster** chat and user data handling.

Skills

Experienced in:

C++ • Java • Javascript • HTML • SQL • Git/Github

Technical:

Data Structures • Algorithms • Database Management System
Object Oriented Programming • Operating System • .NET Application Development

Achievements

- Competitive Programming: Rated 4* on CodeChef (Max Rating: 1822) and Knight (1925) on LeetCode.**
- Conducted a **Live Workshop on MERN Stack** at **Techvaganza**, training **100+ students**.

Profile Links

- Leetcode: <https://leetcode.com/rj1682003/>
- Codechef: <https://www.codechef.com/users/rj1682003>
- GeeksForGeeks: <https://auth.geeksforgeeks.org/user/rajagri1682003>