

Rahul Kumar Yadav

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SKILLS

Programming Languages: Java, C/C++, JavaScript, TypeScript, SQL

Technologies & Tools: Microservices, Spring Boot, Next.js, React.js, REST API, Prisma, Docker, Kubernetes, AWS, Git, GitHub, MaterialUI

Databases: MySQL, PostgreSQL, MongoDB

Other: Debugging, Database Query Optimization, Agile Methodology, CI/CD

WORK EXPERIENCE

Oriserve, Noida

02/2025 - Present

Associate Software Development Engineer (Software Support)

- Investigate, debug, and reproduce **software issues**, providing timely fixes and workarounds to ensure uninterrupted **operability of software solutions**.
- Extensively **work with databases**, writing optimized **SQL queries** to retrieve data for **debugging** and issue resolution.
- Contribute to meeting **SLAs** (Service Level Agreements) and **KPIs** (Key Performance Indicators) such as responsiveness, resolution time, and **software quality**, ensuring **high customer satisfaction**.

Sparrowhawk System, Pune

04/2023 - 11/2023

Junior Full Stack Developer

- Integrated **TRPC and Prisma** into a **Next.js** environment, enhancing database interactions, reducing query times by **40%**, and improving overall app performance by **25%** through creating and modifying Prisma models.
- Spearheaded the enhancement of existing **frontend interfaces** by integrating six new features using **React** and **MaterialUI**, resulting in a **30% improvement** in user engagement across all platforms post-launch.
- Architected scalable **backend applications** with **Next.js**, improving server response times by **30%** and increasing system throughput by **20%**.
- **Redesigned** key **UI components** for onboarding, resulting in over **600 new users** completing the flow in the **first week** of launch.

Microsoft, Pune

06/2021 - 08/2021

Engage Mentorship Program

- Implemented **Agile methodology** and **CI/CD principles** to ensure seamless project execution, timely deployment, and a **20% reduction in time-to-market**.
- Integrated advanced features like **screen sharing**, **video/audio switching**, and **chat integration**, enhancing user experience and increasing engagement by **30%**.
- **Optimized API calls** and **database queries**, reducing server load by **25%**, boosting performance, and increasing daily active users by **15%**.

EDUCATION

Army Institute Of Technology, Pune

07/2019 - 06/2023

B.E. in Information Technology

CGPA: 8.80/10

Coursework: Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, Computer Network

PROJECT WORK

DoctorMy - Healthcare Appointment Platform:

[Link](#)

- Developed a **full-stack healthcare platform** using **React**, **Node.js**, and **Tailwind CSS**, featuring **real-time appointment booking**, **secure authentication**, and **interactive doctor profiles** serving **20+ medical specialties**.
- Engineered a **responsive UI** with **Framer Motion animations** and implemented **protected routes** using **JWT authentication**, resulting in **95% mobile responsiveness** and **zero security breaches**.

AWARDS AND CERTIFICATES

- **Mentor at Scaler Academy:** Helping students and working professionals to get better at coding.