Akshay Rajpurohit

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SKILLS

Programming Languages	TS/JS, Java, Python, HTML, CSS, C++, C
Frameworks/Libraries	React.js, Redux, React Query, Spring Boot, Spring Data, Node.js, Nest.js
Databases	MySQL, PostgreSQL, MongoDB, Redis, Neo4j

WORK EXPERIENCE

Rhythm Management Group   *Hyderabad, India*
Full Stack Software Engineer   August 2023 - Present

– Reduced the number of redundant API calls **by 80%** thereby improving page load speeds.

– Refactored back-end code to meet SonarCloud's code quality standards and reduce complexity.

Auzmor   *Hyderabad, India*
Software Engineer II   January 2023 - August 2023

– Developed a POC to showcase **1 million concurrent WebSocket connections** using µWebSockets.js, achieving performance at scale.

– Developed a custom parser to efficiently render Quill editor deltas, resulting in **significant performance optimization** when displaying posts on a dynamic feed.

– Implemented real-time notifications with WebSockets to **boost user engagement**. Enhanced UI with animations, transitions, and interactivity.

Associate Software Engineer   July 2021 - January 2023

– Engineered and executed the migration of a complex, large-scale database from Neo4j to MySQL; wrote a custom data migration tool that facilitated the transition with zero data loss, achieving a **60% improvement in query and API performance**

– Revamped our ATS product's career-page section, resulting in a **80% improvement in SEO ranking** and organic reach. Increased job visibility on Google search, driving a **30% surge in website traffic**.

– Overhauled the insights and reports system, resulting in a **40% improvement in report generation time**. Integrated critical third-party services (Naukri, Zendesk, Userback) to fulfill customer requirements and to enhance customer support.

PROJECTS & ACCOMPLISHMENTS

– Founded the **CodeChef Campus Chapter** in my college and was its president from March 2020 to Late 2021. Promoted competitive programming and saw increased participation and interest in contests.

– Held the position of Lead in the **Google Developer Student Club** VBIT from August 2020 to Mid 2021. Promoted GCP and enrolled students in the '30 Days of Google Cloud' program.

– Participated In IEEEXtreme 2020 and scored a **Country Rank of 16** and **Global Rank of 280.**

– **Won the first prize in college tech fest** for my final year engineering project.

EDUCATION

2017 - 2022   Bachelor's Degree at **JNTU-H**   (GPA: 7.41/10.0)