Alok Raj

Noida ✉ alokraj7184@gmail.com 📞 7301752651 🔗 alok-raj.site in heyalokraj ⊙ razzalok

Summary of Qualifications

Software Engineer with 2+ years of experience in Mobile and Web development using React, React Native, Next.js, Node.js, and TypeScript; skilled in REST APIs, microservices with Kafka/RabbitMQ, and backend tools like Prisma, MySQL, and MongoDB; with working knowledge of AWS, Docker, Nginx, and CI/CD.

Technical Skills

Programming Languages: JavaScript, TypeScript
Frameworks & Libraries: React.js, Next.js, React Native, Node.js, Express.js
Databases: MySQL, PostgreSQL, MongoDB, Redis
Cloud & DevOps: AWS, Docker, Nginx
Tools & Utilities: Redux, WebSockets,, Git, Postman, Prisma, REST APIs, CI/CD

Education

Chandigarh University	*2021 – 2023*
Master of Computer Applications (MCA)	
Magadh University	*2018 – 2021*
Bachelor of Information Technology (B.Sc IT)	

Experience

Software Engineer	*Mohali, Punjab*
Creative Buffer Consultancy Private Limited	*June 2023 – Present*

- Contributed to the full-stack development of web and mobile applications using **React.js**, **Next.js**, **React Native**, **Node.js**, and **Express.js**, ensuring responsive design and seamless user experiences across platforms.
- Optimized frontend and backend performance by implementing **cursor-based pagination** with raw SQL queries and **TanStack Query**, improving data retrieval efficiency for large datasets and improving overall scalability.
- Developed reusable, scalable UI components using **ShadCN/UI** and **React Virtualized**, with state management handled by **Zustand** and **Redux**.
- Implemented advanced optimizations, including **code splitting**, **lazy loading**, caching strategies, and database query optimizations, enhancing application performance.
- Designed and maintained RESTful APIs with Node.js and Express, integrating **MongoDB (Mongoose)**, **MySQL/PostgreSQL (Sequelize, Prisma)** for robust data handling.
- Enhanced routing and data fetching with **TanStack Router** and **React Query**, ensuring fast app navigation and efficient state management.
- Deployed production-ready applications using **Docker**, **Nginx**, and AWS (**EC2, ECS, ECR, S3**), ensuring high availability and scalable infrastructure.

Achievements

Awarded **Employee of the Year (2024)** at **Creative Buffer Consultancy Pvt. Ltd.** for outstanding contributions to full-stack development, cross-functional collaboration, and delivering high-impact software solutions.