DEEPAK RATHOD

Full Stack Software Engineer

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WORK EXPERIENCE

GroundUp India, Pune (A VC backed EdTech)   **Senior Software Engineer**

Oct - 2022 - Present

Role & Responsiblites	• Understand existing software features deeply. Design and implement new features while prioritizing performance and user interface. • Optimize software structure for better performance. • Manage DevOps processes on GitHub & AWS for efficient code deployment. • Lead project management and code reviews. • Balance performance optimization with user interface enhancements.
Achievements	• Promoted to Lead Developer within 8 months. • Given opportunity to lead multiple projects, showcasing leadership and technical prowess. • Demonstrated rapid advancement and positive impact on the organization. • Achieved 50% salary hike within 3 months of probation period.
Skills	• Mobile Development: Proficient in **React Native** for building cross-platform mobile apps. • Backend Development: Experienced with **Node.js** for backend development and **Go** for specific backend servers. • Web Development: Skilled in **React.js and Next.js** for creating dynamic web applications. • Database Management: Proficient in **SQL** for designing and managing databases.

PROJECTS

Realtime Video Surveillance

Jan 2024 - Mar 2024 | MCTE Mhow, Army AI Lab

Development & Achivements	• AI and Object Detection: Proficient in implementing AI models for object detection, leveraging DeepStream and CUDA for super-fast inference. • Video Technologies: Extensive experience with video codecs such as **H.264 and VP8**, coupled with a strong understanding of video streaming protocols including **WebRTC and RTSP**.

Realtime Video Survillance

2023 Dec - Jan 2024 | MCTE Mhow, Army AI Lab

Development & Achivements	**Golang and React.js:** Proficient in building scalable and efficient applications using Golang for backend development and React.js for frontend development. **Video Surveillance:** Successfully developed projects for video surveillance, managing feeds from over **30 cameras simultaneously**, demonstrating expertise in handling large-scale video processing systems.

Clufter | Food Delivery App

2020 Dec - Jan 2022 | Latur

Development & Achivements	- Successfully launched and operated a food delivery app, facilitating real-time delivery tracking using Node.js. - Processed over 6000 orders, resulting in revenue exceeding 10 Lakhs. Collaborated with 40+ restaurants, offering POS software solutions and - developing React Native apps for both customers and restaurant staff.

Entrepreneurial Activities

- Co-founded YdCrackers in **2019**, developed a platform for getting study materials for MSBTE board, it had vast content library and was used by 300+ students in college.

- Co-founded Clufter developed 4 apps from scratch, delivered 6000+ orders

Education

B.Tech (6 months)	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded Attended 3rd Sem - **9.5 CGPA	Rank (4/90+)**
Diploma in Computer Science	Swami Vivekanand Institute of Polytechnic, Latur 93.51%	Rank (1/300+)
Class X	Global Knowledge Public School, Latur 82%