

DEEPAK RATHOD

Full Stack Software Engineer

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WORK EXPERIENCE

GroundUp India, Pune (A VC backed EdTech)

Head of Technology

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 Surveillance

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%