

# KOMAL RAUT

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## SUMMARY

Highly skilled Full Stack Developer with expertise in React.js and MERN to create dynamic web applications. Adept at designing and developing dynamic, responsive, and real-time web applications. Strong background in both frontend and backend development, with a focus on performance optimization and user experience. Seeking to leverage technical expertise in a challenging full-stack development role.

## EDUCATION

<b>Master of Computer Science</b> – CGPA: 8.92 Progressive Education Society's Modern College, Pune	(2022-2024)
<b>Bachelor of Computer Science</b> – CGPA: 9.13 Vidhya Pratishthan's College, Baramati	(2019-2022)
<b>Higher Secondary Certificate (HSC)</b> – 68.77% Sharadabai Pawar Mahila Arts, Commerce, and Science College, Sharadanagar, Baramati	(2019)

## TECHNICAL SKILLS

- **Frontend Technologies:** HTML, CSS, Tailwind CSS, JavaScript, React.js, Next.js
- **Backend Technologies:** Python, FastAPI, Flask, Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **Tools:** Jupyter, Visual Studio, Postman, WebSocket, Git
- **Cloud Services:** AWS (Cloud Foundations Certified)
- **Version Control:** Git, GitHub

## WORK EXPERIENCE

### Full Stack Developer Inter - UCall, Lucknow | Aug 2024 – Oct 2024

- Developed full-stack web applications using Next.js for server-side rendering and Tailwind CSS for responsive UI design.
- Built scalable RESTful APIs using FastAPI to handle backend logic and integrated real-time communication using WebSocket for improved user interactions.

## PROJECTS

### Spotify Clone (MERN Stack) Nov 2024 – Nov 2024

- Engineered a full-stack music streaming application offering seamless playback with intuitive controls and developed real-time chat and live listening features to enhance user engagement and collaboration.
- Built an admin dashboard for managing albums, tracks, and user accounts with role-based access control.
- Utilized MongoDB, Express.js, React.js, and Node.js to create a responsive, scalable, and feature-rich platform.

### Emergency Care System (MERN Stack) Jan 2024 – May 2024

- Designed and implemented a scheduling system for therapists and clients, enabling 24/7 online appointment booking and rescheduling.
- Integrated secure client management, therapist calendar sync, and automated notifications for email/SMS reminders.
- Improved practice management efficiency through customizable intake forms and detailed analytics.

### Medi-Bot (Python, Flask, SQLite) Sep 2023 – Dec 2023

- Created a context-aware chatbot capable of handling customer inquiries, providing intelligent responses, and autonomously performing tasks.
- Integrated NLP and machine learning to enhance customer engagement and operational efficiency.

## CERTIFICATIONS

- AWS Academy Cloud Foundations.
- MERN Stack Development – Stuvally Technology Pvt. Ltd.
- Python Course from Net Solution, Pune.