

# Ayushman Lakshkar

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## EDUCATION

### Madhav Institute of Technology & Science (MITS)

Gwalior, India

*Bachelor of Technology in Artificial Intelligence and Machine Learning*

Nov. 2022 – Present

- Achieved a 8.1/10 CGPA till pre final year while mastering machine learning algorithms, data structures, and artificial neural networks.
- Participated in 3+ academic projects, applying AI/ML principles to real-world problems and developed 5+ development projects with some consisting real-time users.

### A.M.I Shishu Mandir School

Gwalior, India

*Higher Secondary Education (12th Grade, Mathematics Stream)*

Apr. 2020 – Apr. 2022

- Secured 89% in the 12th and 93% in the 10th Grade Board Examinations, with a focus on mathematics and computer science.

## WORK EXPERIENCE

### Core Technical Member

Oct. 2023 – Present

*Google Developer Student Clubs (GDSC), MITS*

Gwalior, India

- Led 5+ technical workshops, educating over 100 students on emerging technologies including AI/ML and cloud computing.
- Mentored 20+ junior developers, helping them overcome coding challenges and contributing to a 25% improvement in their project completion rates.
- Expanded club membership by 15% by introducing new technical initiatives and promoting a culture of continuous learning.

### Freelance Web Developer

May 2023 – Present

*Ophthalmologist (Private Practice)*

Gwalior, India

- Collaborated with a private ophthalmologist to design and develop a custom portfolio website tailored to medical professionals, focusing on user-friendly navigation and accessibility.
- Provided ongoing maintenance and updates to the website, ensuring it remained up-to-date with the latest web technologies and security practices.
- Achieved a Google PageSpeed Insights score of 95+, ensuring a highly optimized and fast-loading website.

## PROJECTS

### Legal Connect | *React, Node.js, Express, MongoDB*

Jan. 2024

- Architected a platform that facilitated connections between legal professionals and clients, streamlining communication and resource sharing.
- Implemented advanced search features, improving user search accuracy by 20%.
- Ensured scalability, with the platform handling a 30% increase in user traffic without performance issues.

### Ophthalmologist Portfolio | *HTML, CSS, JavaScript, Netlify*

Sept. 2023

- Engineered and launched a fully responsive portfolio website, achieving a 98% user satisfaction rate based on patient feedback.
- SEO optimizations led to a 35% increase in search engine visibility, boosting the site's ranking on Google.

### Chat Render | *React, Node.js, Express, MongoDB, WebSockets*

May 2023 – June 2023

- Developed a full-stack messaging application with real-time chat, supporting up to 500 concurrent users without performance degradation.
- Implemented WebSocket protocols to achieve a message delivery time of less than 200ms, ensuring a seamless user experience.
- Secured user data with JWT authentication, reducing unauthorized access attempts by 50%.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, C++, HTML/CSS, SQL, Java

**Frameworks:** React, Node.js, Express, Flask, Material-UI, Mongoose, TailwindCSS, React Native

**Development Tools & Technologies:** Git, WebSockets, JWT, REST APIs, Visual Studio, IntelliJ, Multer, WebRTC, Netlify, OnRender