

# Amit Kumar Ahirwar

## Computer Science & Engineering

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### Profile Summary

Full Stack Developer with experience in building healthcare, e-commerce, and real-time applications using MERN stack. Skilled in optimizing backend performance with Redis.

### Education

#### Bachelor of Technology (2021-2025)

Sagar Institute of Science & Technology - Bhopal  
Computer Science & Engineering  
Current CGPA: 7.49

#### Senior Secondary (2021)

Gyanodaya Sr. Sec. School, Khurai - MP  
86 % | CBSE

#### High School (2019)

Gyanodaya Sr. Sec. School, Khurai - MP  
88 % | CBSE

### Key Technical Skills

- **Languages** : C, C++, Java, Javascript
- **Frontend** : React, Redux, Tailwind, HTML, CSS.
- **Backend** : Node Js, Express Js
- **Databases** : MongoDB, MySQL, Redis
- **Tools** : Git, Github

### IBM SkillBuild Internship

**Duration:** 25 Jun 2024 – 5 Aug 2024

**Title:** Ocean Guardian

**Technology Used:** React Js, TailWind CSS, Git  
Developed responsive login and signup forms with validation and user authentication using React.js, styled with Tailwind CSS, and collaborated with the team for seamless frontend-backend integration.

### Project Details

**Title:** Medicare (FullStack)

**Technology Used:** React, Tailwind CSS, React Router, Node.js, Express.js, MongoDB  
Developed a responsive healthcare web application allowing users to access doctors details, appointment booking, and contact info. Built a mobile-first navigation bar and integrated back-end services using Node.js and Express.js.

**Title:** Ecommerce Website (Frontend)

**Technology Used:** React, Tailwind CSS, React Router

Built a fully responsive Ecommerce website focusing on the front-end. Implemented product display, filtering options, and user-friendly navigation. Styled the site using Tailwind CSS to ensure a mobile first, responsive design and used React Router for seamless page navigation.

**Title:** AstroMeet (Backend)

**Technology Used:** Node.js, Express.js, MongoDB, Redis

Designed and implemented features for user and astrologer management, ensuring balanced workloads and real-time updates. Focused on fairness and performance optimization for handling high traffic upto 500 astrologer and around 3000 users using Redis. And Reduced the Response time from 40 to 4 milliseconds.

**Title:** Wellnest (FullStack)

**Technology Used:** React Js, TailwindCss, Node.js, Express.js, MongoDB

Built a fullStack web application enabling users to create, save and manage wellness session drafts with seamless authentication and auto save features. Implemented a robust React frontend with Node Js and Express Js, JWT-based auth, and MongoDB for session persistence.

### Certifications & Trainings

- Completed an 8-week course on Cloud Computing and Distributed Systems – NPTEL
- Completed Data Structures and Algorithms using Java – Apna College
- Completed a course on MERN stack - Udemy.

### Interpersonal Skills

- Adaptability
- Quick Learner
- Team player

### Hobbies

- Reading
- Travelling