

# ARPAN NEMA

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## EDUCATION

Indian Institute of Information Technology, Bhopal

Dec 2021 - Jun 2025

B.Tech in Computer Science

CGPA: 8.45

**Coursework:** Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Database Management System

## EXPERIENCE

WithWeb

October 2024 - Present

Backend Developer Intern

Remote, India

- Developed authentication routes for login and signup using mobile number and OTP-based 2-factor authentication.
- Refactored user model to unify retailer and wholesaler roles and added express-validator for request validation.
- Created routes for users and admin, improved validation for login and signup, and made error handling better.

## PROJECTS

Chatting App

[Github](#) | [Link](#)

*Technologies: HTML, CSS, JavaScript, ReactJS, socket.io, Redux, MongoDB, ExpressJS, JWT*

- A robust real-time chat application that supports instant messaging, user authentication, and secure communication.
- Implemented features including direct messages, presence indicators, search user and sending video and photos to enhance user engagement and experience.

Blogging Site

[Github](#) | [Link](#)

*Technologies: HTML, Tailwind CSS, MongoDB, ExpressJS, ReactJS, Cloudinary, Firebase Authentication*

- Developed a full-featured blogging platform enabling creating, updating, deleting and reading for blog posts.
- Integrated user interaction features including commenting, voting (upvote/downvote), and user authentication (login, logout, signup).

Project Manager

[Github](#) | [Link](#)

*Technologies: HTML, CSS, JavaScript, ReactJS, MongoDB, ExpressJS*

- Developed a multi-page React application allowing users to create and manage projects, including adding multiple tasks to each project.
- Integrated a MongoDB server to store and retrieve project data and tasks, ensuring data management.

## SKILLS

- **Programming Languages:** C/C++, Javascript
- **Web Technologies:** HTML, CSS, ReactJS, NodeJS, Tailwind CSS, Express JS.
- **Developer tools:** Git, GitHub, VS Code, Vercel.
- **Database Management Tools:** MongoDB, MySQL.
- **Technical Skills:** Data Structure and Algorithms, Object Oriented Programming, Competitive Programming.

## ACHIEVEMENTS

- Solved over **1,000** problems across major coding platforms including GeeksforGeeks, LeetCode, CodeForces, and CodeChef.
- Achieved the rank of **Specialist** on Codeforces with a peak rating of **1450**.
- Attained **3-star** status on CodeChef.
- Secured **10th place** in OPTIGO, an Inter-IIIT Competitive Programming Contest.
- Ranked **142nd** out of thousands in CodeChef Starter Round 105.
- Achieved a top **292nd** ranking in CodeChef Starters Round 138.