# NAMANDEEP SINGH

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## **EDUCATION**

# Bachelor of Technology, Information Technology, IIIT Bhopal

Dec 2021 - Jun 2025 (expected)

Cumulative GPA: 7.82/10

Relevant Coursework: Data Structure and Algorithm, Object Oriented Programming, Operating System, Database Management System, Computer Networks, Software Engineering

## PROFESSIONAL EXPERIENCE

# Web Development — V6 Arthgyan LLP

Jun 2024 - Aug 2024

- Updated and optimized website content using **ReactJS** library, enhancing the user experience for over 1,000 daily visitors.
- Diagnosed and resolved 15+ website functionality issues, including broken links, layout inconsistencies, and back-end errors, improving website stability and reducing load times by 20%.
- Primarily worked on **3 key tasks**, including troubleshooting and debugging site performance, optimizing load times, and integrating responsive design for mobile compatibility, which increased daily website interactions by approximately **25 users**.
- Collaborated with 3+ team members to gather requirements, conducted 50+ tests using Jest and Selenium to ensure quality, and implemented feedback, improving overall site functionality by 30%.

# Freelanced (Web Developer) — Limitless™ Fitness Gym

Jan 2024 - Feb 2024

- Developed a responsive website for Limitless Fitness Gym, incorporating a user-friendly interface and email-js functionality for seamless communication with clients. Designed the gym's distinctive logo, fostering brand identity across 10+ platforms.
- Integrated 2 key features into the website: a comprehensive rate card system with a 5-tier structure, offering flexible monthly and yearly membership plans, and an engaging gallery that showcases the gym's facilities and atmosphere. Additionally, embedded Google Maps to enable users to easily locate and get directions to the gym.

#### **PROJECTS**

## bookStore GitHub — Live

Stack Used: JavaScript, Vite+ReactJS, ExpressJS, MongoDB

- Created an online bookstore library with 5+ categories, offering both free and exclusive content for logged-in users.
- Constructed a **login** and **sign-up** page with a **MongoDB** backend, granting access to **10+ paid** books and free samples. The page features both **dark and light modes**, allowing users to switch between themes for optimal viewing comfort.

#### Ba@te GitHub — Live

Stack Used: JavaScript, ReactJS, ExpressJS, Socket.io

- Facilitated user communication across specific domains such as 1 (coding), 2 (gaming), and 3 (social media), with real-time messaging capabilities for seamless 1-on-1 instant conversations between users, enhancing overall engagement and interaction.
- Enforced user-friendly interface for ease-of-use & navigation enabling users enter 3 pertinent rooms, & start private chats.
- Integrated Socket.io (v4.6.1) for facilitating real-time web communication, ensuring smooth 2-way data exchange between clients and servers, driving a 30% user engagement boost through improved interaction and responsiveness.

#### COVID-19 Track: CoronaVirus GitHub — Live

Stack Used: JavaScript, ReactJS, Bootstrap, Chart.js, JQuery

- Developed a COVID-19 tracking web application using JavaScript and ReactJS, providing real-time information on global coronavirus cases with a focus on tracking deaths within specific time frames, such as 1 or 2 weeks or 2 months. Implemented data visualization features using Chart.js and JQuery to enhance user engagement and create responsive interfaces.
- Contributed to the project's success by quantifying and presenting recovery rates, notably highlighting India's **98.81% discharge** rate. Demonstrated proficiency in utilizing Bootstrap for responsive design, showcasing over 1 year of experience in frontend.

#### **ACTIVITIES & LEADERSHIP**

#### Dance Head, Aarzoo Club

Oct2023 - Sep 2024

• Spearheaded the dance division of the club, overseeing **choreography**, **rehearsals**, **and performances**. Authored and executed creative dance routines for **10**+ college events, contributing to the club's vibrant and active presence on campus. Also, interviewed **25**+ junior candidates from all the branches for recruitment in various positions in the club.

# ADDITIONAL INFORMATION

Languages: C/C++, HTML, CSS/SCSS, JavaScript, MySQL, MongoDB Frameworks: ReactJs, NodeJS, ExpressJs, Material UI, Bootstrap, Tailwind CSS

Developer Tools: Git, GitHub, VS Code, Postman, JSON, Vercel, Netlify, MS Office Suite, Canva, Figma

## **ACHIEVEMENTS**

- $\bullet \ \ \text{Solving over } \textbf{200+ questions} \ \ \text{on various coding platforms such as } \textbf{\underline{LeetCode}}, \ \textbf{\underline{GeeksForGeeks}} \ \ \text{and other OJs}.$
- 3 Star at CodeChef with highest rating of 1673 while achieving Global Rank of 24 in Starters 147.
- Selected for SIH 2023 after winning at Hack-O-Sprint 1.0, internal hackathon hosted by IEEE IIIT Bhopal Student Branch.
- Ranked 861 globally in the grand coding contest held by Newton School in April.
- Certified coder proficient in C++ and Python, endorsed by NIIT, and recognized as an SQL expert by HackerRank.