

YATEN ARORA

Bathinda , Punjab

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EDUCATION

Dr. B.R. National Institute of Technology, Jalandhar
B.Tech - Information Technology - CGPA: 7.85 - SGPA: 8.24

2023 - Current
Jalandhar, Punjab

Sanawar Institute For Children, Bathinda, Punjab
CBSE, Senior Secondary Education - Percentage: 86.6%

2021 - 2023
Bathinda, Punjab

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python, TypeScript, SQL

Technologies: Next.js, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, GitHub, Postman

Core Subjects: OOPs, Computer Networks, Computer System Architecture, Database Management, Data Structures

PROJECTS

Anonymous Feedback Platform – TrueFeedback [🔗](#) [📁](#) **Aug 2025**

- **Built from scratch a full-stack anonymous feedback platform** with secure communication and user identity verification, serving **50+ active users**.
- **Implemented** a public profile system with unique usernames, message control options, and **AI-powered suggestions**, improving engagement by **30%**.
- **Integrated and deployed** email verification, a message dashboard, and analytics features for complete feedback visibility, moderation, and **zero fake accounts**.
- **Utilized** NextAuth.js, MongoDB, and Resend to ensure secure authentication, persistent data storage, and reliable transactional emails.

Real-Time Chat App – QuickChat [🔗](#) [📁](#) **June 2025**

- **Created and deployed a real-time chat application** using the MERN stack with secure JWT-based authentication and a responsive UI (React + Tailwind CSS), attracting **50+ users within launch week**.
- **Implemented low-latency communication** via Socket.io WebSockets, **reducing message delivery time by 40%** and ensuring smooth group conversations.
- **Designed and optimized RESTful APIs** with Express.js + MongoDB to handle user registration, friend lists, and **storing 2k+ messages with high efficiency**.
- **Improved scalability and maintainability** by using React hooks and a modular architecture for effective state management.

Bookstore Management Platform – BookNest [🔗](#) [📁](#) **March 2025**

- **Developed and deployed a full-stack bookstore management system** with dual-role functionality (Admin & Customer) using React.js and Node.js, managing **200+ books and 50+ customer accounts**.
- **Implemented secure RESTful APIs** with Express.js and tested endpoints in Postman, ensuring **100% reliable transactions** and accurate order processing.
- **Optimized MongoDB queries** for fast search and real-time order fulfillment, **reducing query response time by 35%**.

ACHIEVEMENTS & INVOLVEMENTS

- **Lead - The CyberNauts Society** – Mentored peers in **Web Development** and **DSA** and organized workshops, and contests and tech events .
- **Competitive Programmer – 1600+ rating** and solved **500+** questions on LeetCode.
- **HackMol 5.0** – Selected Among top **300 teams** .
- **WDMC Member** – Actively contributed to the development and maintenance of the institute's TPO website.