

# Sandeep Wadhawan

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## OBJECTIVE

As a backend-focused developer, I enjoy designing clean architectures and creating reliable APIs. I've worked across the JavaScript/TypeScript ecosystem, using tools like Node.js, Express.js, React, and MongoDB, and I'm passionate about integrating backend systems with emerging AI and cloud technologies.

## SKILLS AND INTERESTS

|                        |  |
|------------------------|--|
| Backend Technologies   | Node.js, Express.js, tRPC, EJS                           |
| Frontend Technologies  | HTML, CSS, Javascript, Typescript, TailwindCSS, React.js |
| Database               | MongoDB, PostgreSQL, DrizzleORM                          |
| Caching                | Redis  |
| Version Control System | Git, GitHub  |
| Developer Tools        | Postman, Cursor, VS Code                                 |

## EDUCATION

**BVICAM, Guru Gobind Singh Indraprastha University**  
Master of Computer Applications

Sept 2022 - June 2024

**Rajdhani College, University of Delhi**  
B.Sc. Mathematics (Hons)

July 2019 – May 2022

## EXPERIENCE

### Backend Engineer | Revispy ( Intern | SDE )

Nov 2024 - Oct 2025

**Tech Stack:** TypeScript | Node.js | tRPC | Drizzle ORM | PostgreSQL | Next.js | zod | NeonDB

- Developed scalable backend APIs using tRPC and Drizzle ORM, solving data-fetching inconsistencies and enabling seamless integration between frontend and database.
- Contributed to AI-powered features like AI Timeline and AI Insights that analyzed user reviews to provide real-time trends, improving product transparency and decision-making for users.
- Implemented secure authentication, optimized database queries, and enhanced performance, helping Revispy establish a reliable and insightful trust layer for online reviews.
- Built and integrated RAG-based pipelines using LangChain & Qdrant, working with embeddings, vector search, and generating structured AI responses to enhance insight accuracy and retrieval quality.

### Full Stack Developer - Intern | Kirabiz Technologies ( Intern )

Feb 2024 - Aug 2024

**Tech Stack:** React | Node.js | Express.js | MongoDB

- Post-Burst is a dynamic social media web application that allows users to create profiles, make posts, and engage with content through likes and interactions.
- Built RESTful APIs using Node.js and Express to manage user authentication using Google OAuth, post creation, and engagement, solving data handling inefficiencies between client and server.
- Integrated MongoDB for scalable data storage and React-Redux for state driven UI updates, ensuring smooth performance and real-time interaction.

## CERTIFICATIONS

- Sheryians Coding School (Full Stack Cohort Certification) [🔗](#)
- Scaler (Node.js Certification) [🔗](#)
- HackerRank (SQL Basic) [🔗](#)

## PROJECTS

### Sannsta – A Social Media Web Application [🔗](#)

Oct 2025

**Tech Stack:** EJS | TailwindCSS | Node.js | Express.js | MongoDB | Passport.js | Multer

- Developed a dynamic social media platform, enabling users to create posts, upload stories (only images), and engage through likes and saves — addressing the challenge of managing real-time media interactions efficiently.
- Improved overall usability and design consistency with a responsive UI built using EJS and TailwindCSS, ensuring smooth experience across devices.
- Implemented secure authentication with Passport.js and integrated image uploads using Multer, optimizing backend data handling and user workflow.

### Talk-A-Tive: A Real Time Chat Application [🔗](#)

May 2024 – July 2024

**Tech Stack:** ReactJS | MongoDB | NodeJS | ExpressJS | Socket.io

- The goal of the project is to build a scalable and dynamic chat application for real-time communication between users using Socket.io.
- The objective of this project is to create individual chat rooms and group chats, allowing users to exchange messages with real-time typing indicators using Socket.io and view notifications.
- It enhances user experience and engagement with its ability for adding users, removing users, update group names which makes this application versatile and efficient.