

# 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	Sept 2022 - June 2024
Master of Computer Applications	
Rajdhani College, University of Delhi	July 2019 – May 2022
B.Sc. Mathematics (Hons)	

## 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.