

# Sandeep Nandi

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## SUMMARY

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Backend Developer Intern with hands-on experience building scalable REST APIs, implementing JWT-based authentication, and managing databases (MongoDB/MySQL). Worked on production-level applications including CRM, HRMS, and e-commerce systems with a focus on performance, reliability, and clean architecture.

## EXPERIENCE

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### Backend Developer Intern

Dec 2025 – Present

*MatchBest Group*

- Designed and developed RESTful APIs with proper validation, error handling, and modular architecture across multiple production systems.
- Mobiking (E-commerce Platform):** Live Migrated logistics integration from Shiprocket to Delhivery, improving shipment reliability and reducing API failures, Implemented secure password reset functionality using token-based authentication and resolved critical issues in the admin panel to enhance system stability.
- Cavakil (Law Firm Website):** Live Developed dynamic frontend-backend integrated modules including Showcase, Navbar, Trust, and About Us sections controlled via admin panel. Identified and fixed major and minor bugs to improve performance and user experience.
- AVA CRM (SaaS CRM System):** Live Worked on outbound and inbound integrations along with Meta and Apollo integrations. Conducted research on scalable database architecture for SaaS-based CRM systems to improve performance and extensibility and implement Notification service using SSE(Server Sent Events) and EventBus.
- HRMS (Human Resource Management System):** Designed ER diagrams for the admin panel to structure and optimize database relationships.
- Built and maintained REST APIs, handled third-party integrations, and resolved production-level bugs across multiple systems.

## PROJECTS

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### StudHive | *Social Interface for College Updates* | [GitHub](#)

May 2025

- Built a full-stack web application using React, Node.js, Express, and MongoDB for sharing college news, events, and exam notifications.
- Implemented authentication, role-based access, search, and filtering features with a responsive UI.

### Bus Manzil | *Bus Route Finder* | [GitHub](#)

May 2025

- Developed a web application to search bus routes and display stops efficiently.
- Focused on user-friendly UI and optimized data handling.

## TECHNICAL SKILLS

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**Languages:** C, Java, JavaScript, SQL

**Backend:** Node.js, Express.js, SSE, WebSockets, Prisma, Mongoose

**Frontend:** React.js, Next.js

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools:** Git, GitHub, Postman, VS Code, Vercel, Docker, S3, R2

## EDUCATION

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### Maharshi Dayanand University

2022 – 2026

*Bachelor of Technology in Computer Science*

### Govt. Model Sanskriti School

2021 – 2022

*Intermediate (Science) — 86%*

## CERTIFICATIONS & ACHIEVEMENTS

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- Web Development Certification — Coding Blocks
- 50 Hours Vocational Training in Core Java, OOPs, and Data Structures — Kretivan Technologies
- Participated in College Project Exhibition (2024, 2025) presenting Bus Manzil and StudHive