

Hemant Pandey

Full Stack Developer

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SUMMARY

Adaptable Full Stack Developer with a solid foundation in computer science principles, modern web frameworks (Nextjs, Node.js, Nestjs), and database design (PostgreSQL). Hands-on experience developing full-lifecycle web projects, integrating third-party APIs, and writing maintainable, well-documented code. Fast learner equipped to immediately contribute to collaborative, agile sprint cycles.

WORK EXPERIENCE

Ethics and Integrity Department, MS Agarwal Foundries

Aug 2026 – Present

- Work in the Ethics and Integrity department to detect and investigate fraud.
- Identify safety risks and support safety compliance across the organization.

PROJECTS

School Management System

Feb 2026 – Present

- Architected and developed a modular ERP system handling attendance, fees, exams, library, transport, and hostel operations.
- Designed scalable RESTful APIs using NestJS with a structured controller-service architecture.
- Implemented role-based authentication using JWT & Passport; integrated Redis caching to improve API response performance.
- Backend Repository: github.com/Hemant2059/school-management-system

Movies & TV Discovery App

Nov 2025 – Jan 2026

- Engineered a movie and TV discovery platform integrating TMDB APIs with optimized data fetching.
- Implemented real-time search with autocomplete using debounced API calls.
- Designed dynamic UI with dark/light theme and system preference detection.
- Built responsive and accessible UI components using Tailwind CSS.
- Live URL: movie-hemant.vercel.app

SKILLS

- **Languages & Frontend:** TypeScript, Python, Next.js, React, Tailwind CSS
- **Backend & APIs:** NestJS, Node.js, REST API Design, JWT Authentication
- **Database & Caching:** PostgreSQL, Prisma, Redis
- **Tools:** Git, GitHub, Swagger, Microsoft Excel, MS Office
- **Concepts:** SSR, API Caching, RBAC, Internationalization (i18n), Responsive UI

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2020 – 2024

Sree Dattha Institute of Engineering and Science, Hyderabad, India

+2 Science

2017 – 2019

Gyan Jyoti Secondary School, Dang, Nepal

LANGUAGES

English, Hindi, Nepali