

Nitin Kumar

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Results-driven Software Engineer skilled in designing and developing scalable full-stack applications using **Java, JavaScript, TypeScript, React.js, Node.js, Express.js, MySQL and MongoDB**. Experienced in building secure, high-performance platforms with role-based authentication, payment integrations, and responsive UI/UX. Strong foundation in **Data Structures & Algorithms, OOP, and system design** with practical experience from real-world projects. Adept at collaborating in agile environments, deploying applications on cloud platforms, and continuously learning to adopt modern technologies.

Technical Proficiency

Programming Languages: Java, JavaScript, TypeScript, C++, Python
Web Technologies: React.js, Next.js, Node.js, HTML5, CSS3, RESTful APIs
Backend Frameworks: Node.js, Express.js, Django (Python), Express.js, Firebase
Databases: MongoDB, PostgreSQL, MySQL, Firebase, Microsoft SQL Server
Development Tools: Git, GitHub, Docker, VS Code, IntelliJ IDEA, X code

Projects

1. Entrify

[Live Demo](#) 

- **Built a full-stack event booking platform — Entrify** — using **React.js, Node.js, Express.js, MongoDB**, allowing users to browse movies, select seats, and securely book tickets.
- **Integrated role-based authentication and payments with JWT and Stripe**, supporting separate user, theater owner, and admin dashboards, along with secure transactions and booking verification via webhooks.
- **Enhanced reliability and performance** by adding **rate limiting, sanitization, and CSP headers**, and deployed the frontend and backend on **Vercel and Render**, respectively.
- **Tools Used:** React.js, Node.js, Express.js, MongoDB, Stripe, JWT, Tailwind CSS, Vercel, Render

2. Nitin Dev Space (Portfolio)

[Live Demo](#) 

- **Developed a dynamic and animated personal portfolio website** using **React.js (Vite), Tailwind CSS, and Node.js**, showcasing projects, skills, and a blog with CMS capabilities powered by a custom Express + MongoDB backend.
- **Implemented full CRUD functionality and admin dashboard**, enabling live content updates for intro, about, projects, and contact sections, with authentication and secured API endpoints.
- **Integrated advanced animations and smooth user experience**, leveraging **Framer Motion** and responsive design principles for cross-device compatibility and engaging interactions.
- **Planned future integration of AI chatbot**, enabling visitors to interact and query content using natural language, backed by LLMs like Gemini or GPT.
- **Deployed front-end on Vercel and back-end on Render**, ensuring scalability, fast performance, and seamless continuous deployment workflows.
- **Tools Used:** React.js, Vite, Tailwind CSS, Framer Motion, Node.js, Express, MongoDB, Axios, Vercel, Render

Education

Scaler Academy

Sept 2024 - October 2025

Software Development

- **Coursework:** Computer Architecture, DSA, Full Stack Development, RDBMS, Java, Projects, Low Level Design, High Level Design

Maharshi Dayanand University

Sept 2019 – May 2023

B.Tech. in Mechanical Engineering

R.E.D Sr. Sec. School

2018

Senior Secondary (Class XII – PCM)

R.E.D Sr. Sec. School

2016

Secondary (Class X)