

NITESH KHANDELWAL

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Education

Malaviya National Institute of Technology

Btech - 7.7

Aug. 2020 – July 2024

Jaipur, Rajasthan

Experience

Sthambh

Nov 2024 – Feb 2025

Software Engineer Intern

Remote

- Developed and maintained scalable web applications including the SolidSales Dashboard using Next.js, MongoDB and TailwindCSS, enabling efficient management of over **1,000 users**
- Integrated and optimized **40+ RESTful APIs**, improving task handling and reducing response times by 20%.
- Collaborated in a fast-paced remote team to deliver **production-ready** features within tight deadlines.
- Enhanced front-end functionality and maintained performance through integration of user interface components with Headless UI React.

Projects

PEERLINK | *Java, SpringBoot, AWS, Docker, NextJs, Nginx, NextJs, ReactJs* — [GitHub](#) Jan 2024

- Developed a full-stack file sharing system enabling direct peer-to-peer transfers using invite codes and dynamic port allocation.
- Built Java backend with REST APIs and WebSocket-based file servers for low-latency file transmission.
- Integrated **OpenAI API** to generate AI-powered message suggestions.
- Optimized API performance, reducing response time by 40% through **Next.js API** routes, and improved database query efficiency by **25% using MongoDB** indexing and query optimization

CLOUDINARY-SAAS | *NextJs, NeonDB, TypeScript, SQL* [Live](#) — [GitHub](#) Nov 2024

- Built an **AI-powered SaaS** to showcase and optimize videos and images with intelligent automation.
- AI-driven video compression using Cloudinary AI, reducing video size by **up to 75%**.
- Generated different-sized images optimized for Twitter, Instagram, and YouTube using AI-based cropping.
- Implemented Clerk for signup/login and email verification.

PRODUCT-STORE | *Reactjs, PostgreSQL, NeonDB, Express* — [GitHub](#) Oct 2024

- Developed a full-stack product store application enabling users to browse, search, and manage products with secure authentication, CRUD functionality, and responsive UI.
- Deployed on Render with **CI/CD** via GitHub. Used Postman for API testing and NeonDB.
- Integrated Arcjet for **API rate limiting**, enhancing security and protecting backend endpoints against abuse and bot attacks.

Technical Skills

Languages: C, C++, Java

Developer Tools: Git, Github, Firebase

Technologies/Frameworks: ReactJs, NextJs, ExpressJs, NodeJs, Docker, AWS, Linux

Databases: MongoDB, MySQL, PostgreSQL

Other Skills: OOPS, Data Structure and Algorithm(DSA), Computer Networking, Operating System

Achievements

- Joint Entrance Examination 2020 (Mains) achieved a percentile of 97.6.
- All India Rank 81 in CodingNinjas CodeKaze 2023.
- Solved over 700+ questions combined on GFG and LeetCode coding platform.
- 100+ days streak on both Geeksforgeeks and LeetCode.