

NIKHIL PAL

 GitHub  LinkedIn  nikhilpal9312@gmail.com  +91-9528359942

PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience in building scalable web applications and interactive user interfaces using React.js, Node.js, Express.js, and MongoDB. Skilled in REST API integration, real-time communication, and responsive UI development. Experienced in performance optimization, following clean architecture, and delivering solutions focused on user-centric design.

PROJECTS

Loan Eligibility Checker

[Live Demo](#)

React.js, Node.js, MongoDB

- Built a full-stack Loan Eligibility Checker using React.js, Node.js, and MongoDB to evaluate user financial and credit profiles.
- Implemented accurate DTI and EMI calculations to determine loan eligibility and provide personalized bank recommendations.
- Developed secure authentication using JWT and implemented role-based admin controls for managing users and applications.
- Designed and integrated a real-time loan application tracking system to improve transparency and user experience.
- Created a fintech-style dashboard with analytics, insights, and dynamic bank comparison features.
- Followed modular architecture and RESTful API design for better scalability and maintainability.

XTune - Music Streaming Web Application

MERN Stack, Redux Toolkit, Cloudinary

- Developed a full-stack music streaming application using the MERN stack with a scalable and component-based architecture.
- Implemented secure token-based authentication using UUID and protected APIs through server-side validation.
- Optimized search functionality using debouncing to reduce unnecessary API calls and enhance performance.
- Managed global application state efficiently using Redux Toolkit for seamless data flow across components.
- Designed and developed RESTful APIs using Node.js and Express.js for handling user and media data.
- Integrated Cloudinary for efficient media storage and MongoDB for structured database management.
- Implemented client-side routing and deployed the application on Vercel for smooth performance.

Pixel – Wallpaper Web App

[Live Demo](#)

HTML, CSS, JavaScript, Unsplash API

- Built a responsive wallpaper web application using HTML, CSS, and JavaScript with a clean and modern UI.
- Integrated Unsplash API to dynamically fetch and display high-quality wallpapers in real time.
- Implemented advanced search functionality to explore wallpapers based on categories and keywords.
- Designed an interactive and user-friendly interface ensuring smooth navigation and better user engagement.
- Optimized API requests and rendering techniques to improve performance and reduce load time.

SKILLS

Programming Language: JavaScript

Frontend: HTML, CSS, React.js

Backend: Node.js, Express.js

Database: MongoDB, MySQL

Core Concepts: DSA, OOPs, DBMS, OS

Tools: Git, GitHub, VS Code

Soft Skills: Problem Solving, Team Collaboration, Communication, Time Management

EDUCATION

Bachelor of Technology (CSE)

R.D Engineering College, Ghaziabad

Aug 2021 – Dec 2025

(CGPA: 6.1)

Diploma in Computer Science

D.S Institute of Technology, Ghaziabad

July 2018 – Mar 2021

(CGPA: 7.5)

CERTIFICATIONS

Full Stack Web Development (MERN) — AccioJob

2025

- Completed hands-on MERN stack training and built real-world full-stack projects involving REST APIs, authentication, and responsive UI development.