

Nidhi Rawat

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[Nidhi's Portfolio](#)

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<https://github.com/nidhir08>

Summary

Computer Science student passionate about web development, software engineering, and real-world problem-solving. Skilled in full-stack development and mobile app development with hands-on experience in open-source projects. Active IEEE member with strong collaboration, communication, and leadership qualities. Adaptable, quick to learn new technologies, and focused on building efficient, user-centric digital solutions.

Experience

PYOP

Flutter Developer

10/2024 to 02/2025

- Programmed applications and tools using object-oriented languages with goals of code abstraction, stability and reuse.
- Analyze user needs and software requirements to determine design feasibility.
- Documented application changes and worked on version control using tools like Git.
- Designed intuitive UIs and integrated secure payment gateways.

VIPS-TC

Delhi, India

Student

04/2024 to Present

- Being a member of the IEEE society has provided me with valuable opportunities to network with industry professionals, participate in workshops, and collaborate on innovative projects.
- Through this involvement, I have strengthened my ability to communicate complex ideas effectively, work cohesively in diverse teams, and stay updated with the latest technological advancements.

Team Member

- My team was selected among 50 from VIPS to represent in the prestigious Smart India Hackathon.
- We created an app called FASAL, connecting farmers and retailers directly, ensuring farmers get fair prices.

Education

B.TECH VIPS (GGSIPU)

2022-Present

Major: Computer Science

Skills

Programming languages: Java, Python, C++ , MATLAB, Scilab

Front-End Development: JavaScript, HTML5,CSS/Tailwind CSS, [React.js](#), Next.js

Back-End Development: MERN Stack(MongoDB, Express.js, React.js, Node.js), Next.js

Version Control: Git, GitHub, GitLab

UI/UX Design Tools: Figma (prototyping, wireframing), Canva

API Development & Integration: RESTful APIs(design, integration, and testing)

Databases: Oracle, MongoDB, SQL, Supabase, Firebase

Mobile App Development: Skilled in Flutter for building responsive, high-performance apps.

Data & Computational Skills: Machine Learning, Object-oriented programming, Data structures and algorithms, Data Analysis

Selected Projects

AI-Travel Planner: Developed a robust AI-Travel Planner website using React, optimizing user experience and reducing planning time. The platform generates personalized itineraries based on budget, number of travelers, and trip duration, including accommodations, activities, and transportation. Integrated Google Maps for real-time location tracking and seamless navigation.

Expense Tracker Web App: Built with **Next.js** and **React.js**, allowing users to manage and track expenses in real-time. Integrated **NextAuth.js** for secure user authentication and **Supabase** as the backend for data storage and retrieval. Users can add, view, and monitor their expenses and save their money with a clean and responsive UI.

Movie Recommender System: Built a machine learning-based movie recommendation system using Python. Utilized collaborative filtering and content-based filtering techniques to suggest movies to users based on their preferences and viewing history. Implemented using libraries like Pandas, Scikit-learn, and Streamlit for a simple UI.

CampusConnect: It is a full-stack Java web application developed using JSP, Servlets, and JDBC to streamline communication between college societies and students. It allows societies to post updates, events, and announcements, while students can explore and engage with various campus activities through a centralized platform.

Elara-An E-commerce App: Created an e-commerce app using Flutter, with hardware calls like payment integration, location access, and speech to text.

Resume Builder SAAS: Developing a Resume Builder tool that optimizes resumes based on job requirements and includes an ATS score calculator to enhance applicant tracking system (ATS) compatibility.

Accomplishments

Smart India Hackathon: My team was selected among 50 from VIPS to represent in the prestigious Smart India Hackathon. We created an app called FASAL, connecting farmers and retailers directly, ensuring farmers get fair prices. The app enables listing produce, negotiating prices, and managing transactions efficiently.

Certifications

App Development, Brain Mentors