

Nishkarsh Pandey

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EDUCATION

ABES Engineering College, AKTU

Bachelor of Technology in Information Technology; 8.53/10.0

Ghaziabad, India

Sep. 2023 – June 2027

RELEVANT COURSEWORK

Core: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Object-Oriented Programming

Web Technologies: Software Engineering, System Design, API Development

EXPERIENCE

Full Stack Developer Intern (Project-Based)

Sep 2024 – Dec 2024

PrepWise – AI Interview Platform

Remote

- Developed production-grade Next.js application with TypeScript, integrating Vapi AI for real-time voice-based mock interviews for 20+ beta users.
- Implemented Firebase Authentication and Firestore database architecture to manage user sessions with sub-200ms query performance.
- Built adaptive question generation and analytics dashboards, increasing user engagement by 65% through personalized feedback.

Full Stack Developer Intern (Project-Based)

Aug 2024 – Oct 2024

CalorieTracker – Health Tech Application

Remote

- Built a full-stack calorie tracking platform using React, TypeScript, and Supabase, handling 500+ daily meal logs.
- Designed normalized PostgreSQL schemas and implemented secure CRUD operations via Supabase APIs.
- Integrated role-based authentication with Clerk, reducing auth-related issues by 80% and improving onboarding flow.

Backend Developer Intern (Project-Based)

Jul 2024 – Sep 2024

WikiSnap – Interactive Content Platform

Remote

- Built a story-based Wikipedia reader with a Snapchat-style UI, achieving 3,000+ article views during beta testing.
- Integrated Wikipedia REST API with custom caching, reducing API requests by 60% and improving load times to under 1.5s.
- Designed modular architecture with reusable components, reducing bundle size by 25% and improving maintainability.

PROJECTS

Data Science & Machine Learning Projects | Python, Pandas, Scikit-learn, Streamlit, LangChain

Sep 2024

- Built and deployed 5+ machine learning models for classification and regression tasks using Scikit-learn pipelines.
- Developed interactive Streamlit dashboards for data visualization and integrated LangChain for conversational AI analytics.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS

Backend & Databases: Node.js, Express.js, PostgreSQL, MongoDB, Supabase, Firebase, REST APIs

Tools & Platforms: Git, GitHub, Docker, n8n, Clerk Auth, Vercel, Postman

Data Science & ML: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Streamlit, LangChain

ACHIEVEMENTS

- **LeetCode:** Solved 250+ problems focusing on Data Structures and Algorithms - Profile: [Nishkarsh17](#)
- **HackerRank Certified:** Python (Basic), JavaScript (Basic), SQL (Intermediate)
- Participated in multiple **hackathons**, building end-to-end full-stack and AI-driven solutions under competitive timelines.
- Authored technical articles on **dev.to** covering React, Next.js, JavaScript, and real-world engineering concepts.