Nitin Kumar Pandey

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Education

BTech	Vellore Institute of Technology , Computer Science & Engineering	July 2023 - July 2027
	● CGPA : 8.92/10.0	
AISSCE	G.N. National Public School, Gorakhpur	July 2020 – July 2022
ICSE	Little Flower School , Gorakhpur	July 2020

Projects

- **Riviera '25 Website**   Repository   Website Link
  - Developed the official website for Riviera 2025, VIT Vellore's annual international sports and cultural fest which had over 1.6 million page views.
  - Implemented server side rendering, SEO enhancements with the use of dynamic and static pages contributing to the fest's significant online engagement.
  - **Tech Stack:** Next.js, TypeScript, Docker, RESTful API integration, Tailwind CSS, Framer Motion

- **Deal Harbor**   https://www.dealharbor.me
  - Developed a secure e-commerce platform for VIT students, facilitating intra-university trade.
  - Implemented OTP verification, encrypted data storage, and real-time email notifications to ensure user security.
  - Achieved 200+ registered users in the first month, driving efficient and safe transactions.
  - Technologies: Next.js, TypeScript, Tailwind CSS, Framer Motion and MongoDB with SSL certification, resulting in a responsive, secure experience.

- **StreetGuardian**   https://www.streetguardian.tech
  - Created a dual-login system for users and government admins to report and manage homelessness cases aiding targeted government intervention via user-generated data.
  - Enhanced engagement by 50% through a reward system and accurate data capture via OTP verification.
  - Designed a dashboard with hotspot mapping (red, yellow, green zones based on number of reported cases) for data-driven interventions similar to CoWIN platform.

Technologies

Languages : Java , Python , MySQL , C++ , TypeScript

Libraries and Technologies : Spring Boot , Next.js , MongoDB , TensorFlow , Node.js , Data Structures , Algorithms, Docker

Activities and Clubs

Senior Inner Core Member , Google Developer Students Club , VIT

- Organized flagship hackathon of VIT – DevJams '24 and mentored peers in emerging technologies like web development and machine learning.