

Vivek Kumar

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SKILLS

Languages: Java, C++, JavaScript, C, PHP, Python, SQL
Frameworks: NodeJS, ExpressJS, Tailwind CSS, ReactJS, NextJS
Tools/Platforms: MySQL, MongoDB, Supabase, Git/Github, Linux, Figma
Soft Skills: Autodidacticism, Adaptability, Resilience, Brevity

PROJECTS

PetCare | [Repo Link](#)

Dec'25

- Developed a full-stack Pet Adoption and Care System enabling users to browse pets, submit adoption requests, and access categorized care guides with a structured and scalable architecture.
- Built RESTful APIs using Node.js, Express, and MongoDB with schema validation, dynamic filtering (species, size, status), and secure CRUD operations for pets and applications.
- Designed a responsive React 18 + Tailwind CSS interface with modular components, client-side routing, and Axios-based real-time frontend-backend integration.
- Implemented an end-to-end adoption workflow with validated forms, status tracking (pending/approved/rejected), and admin-controlled updates for secure and efficient processing.

Tech Stack: React 18, Vite, Tailwind CSS, Node.js, Express.js, MongoDB, Mongoose, Axios.

Ai City Navigator | [Live Demo](#) | [Repo Link](#)

May'25

- Built a location-aware AI chatbot using vanilla JavaScript with real-time navigation, route planning, and landmark discovery features.
- Integrated multi-API intelligence using OpenRouter (DeepSeek) for conversations and Google Gemini for advanced geolocation analysis.
- Designed a responsive, animated UI with a custom Web Speech API voice interface, audio-wave visuals, and dynamic typing effects.

Tech Stack: JavaScript, Node.js, Express.js, Maps/Location APIs, HTML, CSS (Tailwind), REST APIs.

CERTIFICATES

MongoDB Skill Set | MongoDB

Aug'25

Cloud Computing | NPTEL

Jun'25

Meta Back-end Development | Coursera

Apr'24

ACHIEVEMENTS

- Earned a 30-day achievement badge and solved 50+ Data Structures and Algorithms (DSA) problems.
- Participated in The Arcade 2025 by Google Cloud, winning a Standard tier swag prize.

EDUCATION

Lovely Professional University

Phagwara, India

Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.3**

Since Aug'23

Lyceum International Secondary School

Muzaffarpur, India

Intermediate; **Percentage: 82.6%**

Apr'21 – Mar'23

St. Xavier's Sr/Jr School

Muzaffarpur, India

Matriculation; **Percentage: 77.4%**

Apr'20 – Mar'21