

VIKAS KUMAR SINGH

Software Engineer

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SUMMARY

Full-Stack Web Developer with **2.5+ years** of proven experience at **IPACCT Pvt. Ltd.**, contributing to the design and development of a **custom CRM** platform tailored for client-server network and traffic management. Specialized in building scalable, maintainable **Vue.js** applications using the **Composition API**, **Pinia**, **Vue Router**, and **Tailwind CSS**, integrated with a robust **Laravel** backend and **REST APIs**.

PROFESSIONAL EXPERIENCE

IPACCT Pvt. Ltd.

Software Engineer

Jan 2023 – Present

Key Highlights:

- Engineered **modular Vue components** and connected frontend with dynamic APIs, ensuring high responsiveness and performance.
- Led development of several core features with best practices in **code structure**, **state management**, and **UI consistency** using **Vuetify** and custom **Tailwind utilities**.
- Contributed significantly to the **visual design** and UX of the CRM interface, improving usability and reducing training time for end-users.
- Unified multiple distributed platforms into a **centralized CRM** solution boosting operational efficiency by **40%** and reducing manual coordination by **60%**.
- Integrated **UIDAI Aadhaar verification** for secure identity authentication.
- Collaborated in an agile team environment, actively participating in **design reviews**, **sprint planning**, and **cross-functional coordination**.

PROJECTS

Codesnip

[Link](#)

- Developed a code snippet manager with language conversion support using **Laravel** and **Vue 3 (Composition API)**.
- Implemented secure authentication with Laravel's built-in auth and **CSRF** protection.
- Built complete CRUD operations using **MySQL** and **RESTful** Laravel controllers.
- Designed a responsive UI with **Tailwind CSS**, **shadcn-vue components**, and **Pinia** for state management.

[Link](#)

Lumina

- Developed a chat UI for interacting with local **Ollama AI** models, supporting real-time prompt submission and streamed responses.
- Integrated **SQLite** for persisting chat history and managing multiple chat rooms.
- Added support for **syntax-highlighted**, **code formatting**, **click-to-copy functionality**, and **markdown rendering** for enhanced readability.
- Used **Fetch API response streaming** for smooth, incremental AI responses.
- Built with **Vue 3 (Composition API)**, **Tailwind CSS**, **Vue Router**, **Pinia** and **shadcn-vue** for a clean and responsive interface.

SKILLS

- **Languages:** Core Java, SQL, HTML, CSS, JavaScript.
- **Framework:** Vue3,React, Tailwind.
- **Database:** MongoDB, MySQL.

EDUCATION

Master of Computer Applications

Chandigarh University 2025

Bachelor of Computer Applications

GLA University 2023

CERTIFICATIONS

- Java, Python, SQL, CSS, JavaScript Certifications from HackerRank.