Vasu Gupta

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TECHNICAL SKILLS

- **Languages and Databases**: C++ 17, JavaScript, Python, SQL (MySQL, SQLite), PHP
- **Frameworks & Tools**: React.js, RESTful APIs, Git, Jenkins, OpenCV, CI/CD, Jira, Postman
- **Technologies:** Node.js, Express.js, Laravel
- **Operating Systems**: Windows, Linux
- **Soft Skills**: Debugging, System Optimization, Cross-Functional Collaboration, RCA, Agile/Scrum

EXPERIENCE

Ginger Webs Pvt Ltd.   **January 2025 - Present**
Software Engineer   *Noida, India*

- Developed **scalable server-side components** using **Laravel and Node.js**, supporting **5+ production features** actively utilized by end users.
- Architected and validated **RESTful service endpoints** via **Postman**, decreasing defect resolution cycles by **15%** and improving release stability.
- Structured and optimized **MySQL data layers**, including schema normalization and query tuning, achieving **20% more consistent API response behavior**.
- Delivered **cross-functional integrations** by coordinating with **frontend developers, QA analysts, and senior engineers** across **10+ Agile sprint cycles**.
- **Refined technical documentation and code readability,** accelerating knowledge transfer and reducing ramp-up time for new contributors by 25%.
- Engaged in **Agile SDLC practices**, participating in **100% of sprint ceremonies** such as stand-ups, planning, reviews, and retrospectives.
- Designed an **interactive React.js user interface** for an **online examination system**, improving usability and responsiveness across **3+ device types**.

React Development Training   **August 2023 - September 2023**
Trainee   *Chandigarh, India*

- Crafted **SPA components using JSX and Hooks, delivering 12+ screens during academic training.**
- Practiced **state management and routing, improving navigation smoothness by 30% across 8+ views**.
- Executed a **capstone coursework assignment** with **CRUD and role-based access** within **14 days.**
- Applied **UI rendering and modular code, reducing performance overhead by 20% across 3 browsers.**

PROJECTS

Social Media Application | Developer   **May 2024 - June 2024**

- Built **Chattrix**, a **fullstack MERN** application with secure authentication and **RESTful API**-based backend architecture.
- **Integrated RESTful APIs** for real-time sync and optimized SQL queries, reducing data fetch time by 25%.

Automate Media Volume Using Hand Gesture | Developer   **January 2024 - February 2024**

- Developed an **AI based** gesture recognition system with 95% accuracy across 10+ gestures using OpenCV.
- Streamlined algorithm pipeline, reducing detection time by 20% and improving real-time responsiveness.

CERTIFICATIONS & ACCOMPLISHMENTS

- **LeetCode – DSA Practice:** Solved 200+ algorithmic problems covering arrays, trees, graphs, DP, and recursion.
- **HackerRank (Constraint handling & C++) –** Earned **5-star rating** by passing **advanced algorithmic** and **complexity-based assessments.**
- **Achievements:** Secured 2nd position in Zest-o-Fiesta coding event (2023) among 100+ participants.

EDUCATION

Chandigarh Group of Colleges, Landran   **August 2021 - May 2025**
Bachelor of Technology (B-Tech) in Computer Science Engineering   *Mohali, Punjab*

- **CGPA**: 8.5/10
- **Relevant Coursework**: Data Structures & Algorithms, Object-Oriented Programming, Computer Networks, Database Management Systems, Operating Systems, Agile