

VAIBHAV VERMA

Galaxy Vega, Techzone-4, Greater Noida, Uttar Pradesh, 201318

☎ +91-9958626153 ✉ vermavaibhav241@gmail.com 🌐 github.com/Igneel0601

Professional Summary

Full-Stack Developer with experience building production-grade web apps, AI-integrated tools, and real-time systems. Skilled in Next.js, TypeScript, Node.js, and PostgreSQL. Strong foundation in DSA, system design, and end-to-end development from schema to deployment.

Experience

Mindweave

Feb 2026 – Present

Software Developer Intern

Remote

- Built real-time interview module across multiple organizations with sub-500ms end-to-end latency
- Designed multi-tenant PostgreSQL schema for interview sessions, usage/cost tracking, and transcript storage with Row Level Security policies enforcing org-level access control across **4 organizations**
- Built an autonomous AI interviewer agent integrating Pipecat, Deepgram STT, Cartesia TTS, and Daily.co WebRTC with dynamic question generation, context-aware follow-ups, and real-time candidate evaluation

Unify Insect Technologies

Sept 2025 – Dec 2025

Web Developer Intern

Remote

- Shipped full-stack eCommerce platform handling **1,000 orders** across **500 customers** in production
- Developed RESTful APIs for order creation, validation, and persistence using Node.js, Express, and Firestore with admin approval workflows and real-time customer updates
- Integrated multilingual WhatsApp Business bot via BSP enabling customers to **browse, purchase, and track orders** in multiple languages through automated conversational flows

Projects

TaskForge | *Next.js, TypeScript, MongoDB, Gemini API, LiveBlocks*

 [GitHub](#)

- Built a real-time collaborative task management platform supporting **50+ concurrent users** with **0% error rate**, achieving **p95 <120ms** latency and **370 req/s** throughput (k6 load testing)
- Implemented WebSocket-based board synchronization using LiveBlocks, achieving **~280ms median** propagation latency across concurrent users, validated with automated Playwright tests
- Integrated Gemini API to auto-generate task descriptions, checklists, test cases, and time estimates from card titles, reducing planning time by **80%+**

CodeFlow | *Next.js, TypeScript, tRPC, Prisma, PostgreSQL, Inngest, Docker, E2B*

 [GitHub](#)

- Built an AI-powered website builder generating **export-ready Next.js apps** with **3 to 10 components** in under **15 minutes** from natural language prompts using iterative multi-turn LLM generation
- Designed **dual-model architecture** — a primary LLM for code generation and a lightweight model for metadata tasks — orchestrated via **Inngest pipelines** with live previews in **E2B sandboxed environments**, tested across **10 complete site generations**
- Structured end-to-end project flow using tRPC, Prisma ORM, PostgreSQL, and React Query with **full conversation and fragment state persistence** across generation steps

Technical Skills

Languages: TypeScript, C++, Python, HTML/CSS, Bash, SQL

Frameworks: React.js, Next.js, Node.js, Express.js, TailwindCSS, Pipecat

Databases: MongoDB, PostgreSQL, Firestore, Supabase

Tools & Platforms: Git, GitHub, Docker, Linux (Arch), Prisma, tRPC, Inngest, E2B

AI & Real-time: Deepgram, Cartesia, WebRTC (Daily.co), LiveBlocks

Education

Gautam Buddha University

2022 – 2026

Bachelor of Technology in Computer Science Engineering, CGPA: 7.3

Greater Noida, India

Navyug School

2021

Class XII, CBSE

Sarojini Nagar, Delhi

Achievements

Qualified **GATE 2026** (CS)

Solved **150+** problems on LeetCode across various difficulty levels

Participated in **SIH 2025**; built full-stack admin dashboard for real-time central bus tracking system