

Parth Sharma

+91 7701987985 | parthsharma9918@gmail.com | venomdevx.dev | github.com/VenomDevX | LinkedIn | Delhi, India

SUMMARY

Computer Science (AI/ML) undergraduate and frontend developer who ships production web applications. Built and deployed DocNova (a live PDF toolkit) and HANDOFF (a SaaS work-allocation platform) using Next.js, React, TypeScript and Tailwind CSS, with full-stack deployment across Vercel and Render. Hands-on with applied AI (Python, Scikit-Learn, generative AI, prompt engineering) and embedded systems (ESP32, Raspberry Pi). Seeking a software engineering internship to build scalable, user-focused products.

EDUCATION

Dronacharya College of Engineering — B.Tech, Computer Science Engineering (AI/ML) 2025 – 2029
Sam International School — Class XII, PCM with Computer Science 2023 – 2025
Sam International School — Class X 2022 – 2023
Relevant coursework: Data Structures & Algorithms, DBMS & SQL, Object-Oriented Programming (Python), Web Development, Computer Vision (Azure)

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, C++, Java, SQL
Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Framer Motion, WebGL, Three.js, Responsive Design
Backend & Deployment: Node.js, REST APIs, Vercel, Render, CI/CD (GitHub-based workflows)
AI / Data: NumPy, Pandas, Scikit-Learn, Generative AI, Prompt Engineering, LLM Integration
Embedded & IoT: ESP32, Raspberry Pi, Arduino, GPIO, Sensors, Serial Communication
Databases & Tools: MySQL, Git, GitHub, VS Code, Claude Code, Google Colab, Linux, Windows

PROJECTS

DocNova — PDF Toolkit | *JavaScript, PDF.js, HTML, CSS* docnova.in · GitHub
• Developed and deployed a production, privacy-first PDF toolkit that processes documents entirely in the browser, so user files never leave the device.
• Implemented 8+ document tools — Merge, Split, Compress, Rotate, Extract Pages, Image↔PDF conversion — using PDF.js and client-side processing.
• Completed a full security hardening pass: Content-Security-Policy headers, dependency pinning and error-handling fixes, achieving a clean security audit.
• Migrated backend hosting from Railway to Render and serve the frontend on Vercel with a custom domain.

HANDOFF — SaaS Work-Allocation Platform | *Next.js, React, TypeScript, Tailwind CSS* Live Demo · GitHub
• Building a manager-focused work-allocation platform for engineering teams, differentiated from Jira/Linear by a structural status-glyph system and AI-first workflows.
• Architected 6 AI-powered features including Auto-standup generation, a What-if Scheduler and Risk Radar for early detection of at-risk tasks.
• Developed a complete design system (design tokens, typography scale, gradient language) with component-driven architecture and reusable UI primitives.
• Deployed via a GitHub → Vercel workflow with automatic preview builds on every push.

Personal Portfolio Website | *Next.js, WebGL, Three.js, Framer Motion* venomdevx.dev
• Engineered advanced interactive effects: custom WebGL shader backgrounds with domain-warped FBM noise, pointer-reactive layers, SVG filter animations and scroll-driven 3D transitions.
• Optimized rendering and asset loading for smooth 60fps performance on desktop and mobile.

CERTIFICATIONS

• IBM SkillsBuild — Artificial Intelligence Fundamentals
• IBM SkillsBuild — Web Development Fundamentals
• IBM Skills Network — SQL and Relational Databases 101
• Tata Forage — GenAI Powered Data Analytics Simulation
• Anthropic — Claude 101 & Claude for Work
• AWS Training — Managing AWS IoT Devices at Scale
• Google (Coursera) — Crash Course on Python
• UC Irvine (Coursera) — Arduino Platform & C Programming
• Microsoft (Coursera) — Computer Vision App with Azure

ACHIEVEMENTS

• Designed, built and deployed 3+ live web products end-to-end, including a production PDF toolkit on a custom domain (docnova.in).
• Maintain an active GitHub profile (VenomDevX) with open-source repositories and consistent contributions.
• Completed 9 industry certifications spanning AI, web development, cloud/IoT and databases alongside full-time coursework.
• Experienced in AI-assisted development workflows, using LLM tools (Claude Code) for structured, spec-driven builds with design-token systems and code review discipline.