Himanshu Jha

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EDUCATION

VIT Bhopal University Bhopal, MP
Bachelor of Technology in Computer Science and Engineering – CGPA: 8.43 *Nov 2022 – Present*

Riverdale High School (CBSE) Aurangabad, MH
Senior Secondary (12th) – 79.4% *June 2022*

Orchid Techno School (CBSE) Aurangabad, MH
High School (10th) – 81.6% *May 2020*

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript/TS
Frameworks/Libraries: Next.js, React, Node.js, FastAPI, PyTorch, OpenCV, OpenAI, HuggingFace
Tools: AWS, Git, MySQL, MongoDB, Stripe, Plaid, Clerk, Neon, Appwrite many others.

PROJECTS

Face Recognition Attendance System | *Python, SQL, pyttsx3, Tkinter* | **github** *Oct 2023*
- Developed a real-time attendance system using facial recognition with 95% accuracy, leveraging Haar Cascade models and scikit-learn for face encoding.
- Integrated pyttsx3 for text-to-speech notifications and gettext for multilingual support (English/Hindi).
- Designed an interactive Tkinter GUI with dynamic controls and deployed an admin dashboard via Streamlit for attendance management.

Multi-Vendor Ecommerce Website | *Next.js 13, Stripe, Clerk, Cloudinary* | **live** *April 2024*
- Built a performant e-commerce platform using Next.js 13 with SSR/SSG, reducing page load times by 40%.
- Implemented Clerk for secure OAuth (Google/GitHub) and Stripe for seamless payment processing.
- Migrated from SQLite to PostgreSQL with Drizzle ORM, improving query performance by 35%.
- Featured vendor dashboards, real-time inventory tracking, and review systems.

Shauryan- Banking Website | *Next.js 14, Plaid, Appwrite, Dwolla, Sentry* | **github** *Oct 2024*
- Developed a Next.js 14 banking portal with Plaid API for multi-bank account aggregation and transaction syncing.
- Engineered Dwolla-powered ACH/wire transfers, reducing latency by 40% using Appwrite backend.
- Enhanced UX with LLM-based financial insights (spending trends) and Sentry for error monitoring, reducing issues by 25%.

Jalvani- Weather Website | *React, TypeScript, Framer Motion* | **github** | **live** *Feb 2025*
- Built a responsive weather app with 5-day forecasts and geolocation using OpenWeatherMap API.
- Implemented Framer Motion animations, boosting user engagement by 30% through dynamic UI transitions.
- Optimized performance using Vite (50% faster builds) and TailwindCSS for responsive design across devices.

ResuCraft- Resume Website | *JavaScriptScript, LaTeX* | **github** | **live** *July 2025*
- Built a Next.js resume builder with real-time LaTeX rendering for pixel-perfect, ATS-optimized PDF generation and drag-and-drop customization.

CERTIFICATIONS

Oracle – Java Foundation Associate | link *April 2025*
IBM – Cyber Security Analyst | link *April 2025*
NPTEL – Cloud Computing [Topper 5%] | link *May 2024*
NPTEL – Marketing Analytics [Silver] | link *May 2025*
Google IT Professionals – Bits and Bytes of Computer Networking | link *Dec 2023*
Python Essentials – Vityarthi *June 2023*

Extra-Curricular

- **Vice-President**, Led and mentored 60+ Team members at Linpack Club a Technical Club , organizing MATLAB/Simulink and LaTeX workshops to enhance members' computational and technical documentation skills at VIT Bhopal University. | linpackclub.com
- **Coordinator**, Led VIT'B GOT Talent Event with 250+ Participants at VIT Bhopal University.
- **Participant**, Actively participated in the SIH and also VIT Bhopal's 1St INDUSTRY CONCLAVE .
- **Web-Designer**, Designed Megha Engineering Company Website.