

Pranay Kumar Jha

Bangalore, India

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Professional Summary

Computer Science Engineering student skilled in full-stack web development, data structures, and algorithms. Experienced in building scalable web applications using React.js, Next.js, Node.js, Express.js, MongoDB, and SQL with strong problem-solving and backend integration skills.

Education

Sir M. Visvesvaraya Institute of Technology

B.E. Computer Science Engineering

Relevant Coursework: DSA, DBMS, OS, Computer Networks, OOP

2023 – 2027

CGPA: 8.61/10

Technical Skills

Languages: Java, JavaScript, SQL, C

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, TypeScript

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, MySQL, Supabase

Tools & Concepts: Git, GitHub, VS Code, WebSockets, Authentication, DSA, OOP

Projects

Converso — AI Learning Platform | *Next.js, Supabase, Clerk, OpenAI*

2026

Live Demo — [GitHub](#)

- Developed an AI-powered learning platform supporting voice and text interaction using OpenAI APIs.
- Implemented authentication, protected routing, and backend integration handling 100+ test user sessions.
- Improved application performance by reducing page load times by nearly 30% using optimized Next.js rendering.

CoinPulse | *Next.js, WebSockets*

2026

Live Demo — [GitHub](#)

- Built a cryptocurrency dashboard streaming real-time market data for 50+ cryptocurrencies using WebSockets.
- Developed responsive UI components with live price updates and dynamic market tracking features.
- Reduced redundant API requests through efficient frontend state management and optimized rendering.

Password Manager | *JavaScript, Tailwind CSS*

2025

Live Demo — [GitHub](#)

- Developed a password manager with secure credential storage and random password generation functionality.
- Added copy-to-clipboard and search features improving credential accessibility and usability.
- Designed a responsive interface compatible across desktop and mobile devices.

Awwards Website | *React, TypeScript, GSAP*

2026

Live Demo — [GitHub](#)

- Built a responsive modern UI website using React, TypeScript, and GSAP animations.
- Implemented 10+ smooth animations and interactive transitions to enhance user engagement.
- Optimized responsiveness and performance across multiple screen sizes and browsers.

Experience

Nuvoco Vistas Corp. Ltd. | *IT Intern*

Jul 2025 – Aug 2025

- Assisted with enterprise IT workflows, troubleshooting, and infrastructure operations in a manufacturing environment.
- Supported system maintenance activities and collaborated with the IT team on internal technical processes.

Certifications

- AWS Cloud Practitioner Essentials — Coursera (2025)
- Generative AI for Everyone — Coursera (2025)