

Aayush Panwar

Adm. No. 22BCE10154 📞 8487866328

✉ aayushpanwar5177@gmail.com 🔗 [linkedin.com/in/aayush-panwar-00a549251](https://www.linkedin.com/in/aayush-panwar-00a549251)

🐙 github.com/aayush1303

Education

VIT Bhopal University

Bachelor of Science in Computer Science

August 2022 - May 2026

Sehore, Madhya Pradesh

Puna International School

Senior Secondary Education
(PCM) CBSE

May 2020 - August 2022

Gandhinagar, Gujarat

Rachana School

Secondary Education CBSE

May 2020

Ahmedabad, Gujarat

Work Experience

Web Development Intern | Pinak Idea Lab Private Limited

November 2024 - January 2025

- Led a team of four to design and develop a scalable, responsive static website using 11ty (Eleventy), ensuring optimal user experience.
- Built the website architecture and created comprehensive project documentation to streamline collaboration and support future updates.
- Mentored team members, delegated tasks, and conducted code reviews to maintain high standards and meet project deadlines.

Projects

Microsoft Loop2.0 | Next.js, Firebase, Gemini Api, Tailwind CSS, Clerk

- Developed a scalable architecture with Firebase focused on real-time data syncing; enhanced inter-user communication efficiency by decreasing update delays from 5 seconds to less than 1 second across all devices.
- Implemented dynamic commenting and live updates, improving workflow efficiency by 40% based on user engagement metrics.
- Integrated Clerk for authentication and session management, securing access for 99.99% uptime and handling 1K+ daily logins.

Eleventy Static Website | Eleventy, Tailwind CSS,

- Built an SEO-optimized static website, improving page load speed by 60% and increasing organic traffic by 35%.
- Implemented a server-side form submission system, boosting form completion rates by 50% through improved UX.
- Optimized build processes, reducing deployment time by 30% and ensuring a 95+ Lighthouse score for performance.

PrepAI | Next.js, PostgreSQL, Gemini Api, Tailwind CSS, MUI

- Built an AI-driven interview preparation platform with screen and audio recording for an immersive experience.
- Integrated Gemini API to dynamically generate 10K+ unique interview questions monthly, increasing user engagement by 45%.
- Developed a PostgreSQL-driven data management framework, enabling real-time scoring and feedback, improving user satisfaction by 25%.

Technical Skills

Languages: HTML, JavaScript, Python, Java, Tailwind CSS, React.js, Next.js, Node.js, Express.js, PostgreSQL, Git

Technologies: React, Vite, Next, Vue, GitHub, MongoDB, Google Firebase, Clerk

Certificates

- EY Generative AI Techathon
- NPTEL Cloud Computing
- Bits and Bytes Completion Coursera