

Shashwat Vaish

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 shash-portfolio.vercel.app  Shash-04  inshashwat-vaish

Professional Summary

Ambitious and detail-oriented Computer Science student with strong foundations in algorithms, data structures, and full-stack development. Skilled in designing scalable web applications, AI-powered tools, and real-time systems. Experienced in performance optimization, SEO, and database-driven solutions. Proven success in hackathons and agile teamwork, with a focus on delivering impactful software.

Education

B.Tech in Computer Science Engineering
Bhagwan Parshuram Institute of Technology
CGPA: 8.12 / 10

Sept 2023 – May 2027

Work Experience

Full Stack Development Intern Feb 2025 – Jun 2025
Bhagwan Parshuram Institute of Technology, Delhi

- Redesigned and developed the official college website, **reducing LCP to 2.2s** and increasing **organic traffic by 2.3x**.
- Enhanced accessibility and responsive design, leading to a **35% drop in bounce rate** and **65% longer session times**.
- Improved SEO and media performance using **Next.js Image** optimization and lazy loading strategies.
- Collaborated in Agile sprints with a 5-member cross-functional tech and content team.

Projects

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| Feedback Analysis System — AI-Powered Feedback Management | AI-feedback.vercel.app |
| ○ Developed an AI-driven platform with dynamic form builder, response analytics, and export functionality (CSV/PDF). | |
| ○ Integrated Groq (OpenAI API) for automated summarization and sentiment analysis of descriptive feedback. | |
| ○ Tech Stack: Next.js, TypeScript, Prisma ORM, NeonDB, Tailwind CSS, Shadcn UI, Groq/OpenAI API | |
| PixelSaaS — AI Media Optimization Kit | pixel-saas.vercel.app |
| ○ Built a serverless AI-powered media optimization tool enabling on-demand resizing, compression, and secure asset delivery. | |
| ○ Tech Stack: Next.js, TypeScript, Clerk, NeonDB, Cloudinary-AI | |
| Echo Secrets — Anonymous AI Messaging | echo-secrets.netlify.app |
| ○ Engineered a real-time messaging platform with Gemini AI-based suggestions and secure authentication using NextAuth. | |
| ○ Tech Stack: Next.js, Tailwind CSS, MongoDB, Gemini API, NextAuth | |
| RiverFlow — Dev Q&A + Real-Time Feed | riverflow.vercel.app |
| ○ Developed a global developer community platform supporting Q&A, activity feeds, and real-time state management with Zustand. | |
| ○ Tech Stack: Next.js, TypeScript, Zustand, Appwrite | |

Skills

Programming Languages: C/C++, Java, Python, JavaScript, TypeScript
Web Development: React.js, Next.js, Angular, Tailwind CSS, Shadcn UI, Bootstrap
Backend: Node.js, Express.js, PHP, REST, GraphQL
Databases: MongoDB, PostgreSQL, MySQL, NeonDB, Appwrite
Tools & Platforms: Git, GitHub, Docker, Vercel, Firebase, Postman, Figma, Canva, Zustand