

# Aman Kumar Bairagi

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## EDUCATION

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### Manikya Lal Verma Textile and Engineering College

*B.Tech in Information Technology (CGPA: 8.2/10)*

Bhilwara, Rajasthan

Nov 2021 – May 2025

### Shree Mahesh Public School

*Senior Secondary Education (89.6%)*

Bhilwara, Rajasthan

Apr 2020 – Jul 2021

## EXPERIENCE

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### Frontend Engineer

*Flywl*

August 2025 – Present

*Remote*

- Contributed to the frontend development of Flywl's upcoming product using React, Vite, Tailwind CSS, and TanStack Query.
- Worked on performance optimization and efficient state management to improve overall responsiveness.
- Collaborated with the team to ensure timely delivery of assigned features within deadlines.

### SDE Intern

*TurboML*

May 2025 – June 2025

*Remote*

- Revamped the company's main landing page with a modern and responsive frontend using Next.js, Shadcn and Tailwind CSS.
- Implemented multilingual support across the site using i18n for a better user experience in different regions.
- Built and optimized the Campus Hero Program page and handled a large-scale colleges dataset efficiently.

### SDE Intern

*Purpose Driven Studio*

June 2024 – Nov 2024

*Remote*

- Led development of dynamic web interfaces using Next.js and React, contributing to increased engagement, faster load times, and improved performance across multiple projects
- Collaborated with a cross-functional team on key initiatives, including high-visibility client projects, while also assisting in cloud infrastructure setup and automation using GitHub Actions and AWS
- Delivered reliable and scalable frontend solutions while consistently maintaining quality, performance, and timely releases in an agile environment

## PROJECTS

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### OGFrame | *Next.js, TypeScript, Drizzle, Zustand, Tailwind CSS, PostgreSQL*

- Built a Figma-like drag-and-drop editor to design Open Graph (OG) images with real-time preview and customization.
- Developed a dynamic OG image generation system with edge-ready performance for near-zero latency rendering.
- Implemented code export functionality, enabling developers to integrate generated OG images directly into production workflows.
- Leveraged AI-assisted layout generation to automate design variations and improve content consistency across platforms.

### Merged&Share | *Next.js, TypeScript, Prisma, Zustand, Tailwind CSS, PostgreSQL*

- Developed a full-stack web application for users to showcase and share open-source contributions, eliminating manual PR link sharing.
- Integrated GitHub OAuth to fetch and display user repository data, streamlining the contribution sharing process.
- Built an embeddable widget for seamless PR integration into external websites.
- Automated sharing workflows, saving users time and enhancing productivity.
- Gained **200+** users, **40+** GitHub stars, **11K+** Twitter impressions, and recognized by industry experts for simplifying contribution sharing.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript

**Frameworks & Libraries:** Next.js, React, Node.js, Prisma, Tailwind CSS, Zustand, Discord.js

**Developer Tools:** Git, Docker, AWS S3, EC2, VS Code, Vercel, Cursor, Claude and Copilot

**Others:** MongoDB, MySQL, PostgreSQL, Pinecone DB, RAG Model