

Aman Kumar Bairagi

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EDUCATION

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

SDE Intern

May 2025 – June 2025

Puch AI

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

June 2024 – Nov 2024

Purpose Driven Studio

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

Merged&Share | *Next.js 14, TypeScript, Prisma, Zustand, Tailwind CSS, PostgreSQL*

July 2024 – Present

- 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.

GymNotesAI Landing Page | *Next.js, TypeScript, Tailwind CSS and Shadcn*

May 2025

- Built a visually appealing and production-ready landing page for a fitness-focused AI product using modern frontend technologies.
- Emphasized clear visual hierarchy and responsive layout to enhance user engagement and brand identity.
- Showcased polished UI/UX design principles, making it a strong template for gym or wellness platforms.

PinBot | *Node.js, TypeScript, Discord.js, Gemini 1.5 Flash, RAG Model and Pinecone DB*

December 2024

- Built a Discord bot to interact with pinned messages, enabling users to chat with them using context from the pins, developed for the PeerList Dec Hackathon.
- Implemented the ability to export pin messages to a vector database with the `/bulk-export` command and retrieve them via the `/chat-with-pin [chat-message]` command.
- Developed the bot in **24 hours** using Discord.js, Gemini 1.5 Flash, Pinecone, TypeScript, and Node.js, inspired by the need to automate guiding users to pinned resources.
- Provided an automated solution for quickly accessing and interacting with useful pinned messages within Discord channels.

TECHNICAL SKILLS

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