

Arya Pratap Singh

+91 99202-64999 | [Portfolio Website](#) | [LinkedIn](#) | [GitHub](#) | [Blog](#)

EDUCATION

Indian Institute of Information Technology Ranchi

Bachelor of Technology in Computer Science and Engineering CGPA: 8.06

Ranchi, Jharkhand

Aug. 2023 – Present

DAV International School

10+2 Qualified, Science Stream AISCSE: 95.6%, AISSE: 98.2%

Mumbai, Maharashtra

Apr. 2009 – Feb. 2023

EXPERIENCE

SDE Intern

Global Groupware Solutions Limited

Jun. 2026 – Present

Remote

- Worked on MyEmploywise application 2.0 version for the web.
- Developed Nx Monorepo frontend as per Figma and Notion docs also resolved live client tickets.
- Reduced the product Build Time and Bundle size by almost 53% in the second week of intern by incorporating migration to rspack and swc.

SDE Full Time

Pelton AI

May. 2025 – Sep. 2025

Remote

- Developed **pelton.ai** from scratch and integrated self-made AWS-powered gateways for secure, fast chatting services and payment processing using Stripe.
- Built core product sections such as custom GPTs, project management, and user handling; implemented state management using Redux and made the application fully responsive.
- Managed deployments, Cloudflare security, and multimodal chat safety across the production system.
- Developing the Flutter app from scratch using BLoC and Clean Architecture.
- Working on frontend development and backend/gateway optimization in Hono.

SDE Intern

Pinoxio AI

Jan. 2025 – Apr. 2025

Remote

- Worked on the Explanation Engine of the product **Mioo** using LangChain.
- Built and integrated the frontend React and Tauri app for the Q1 release.
- Managed deployment services on AWS and explored Phi-4-o1 fine-tuning in the explanation engine.

Full Stack Developer Intern

Acumensa Technologies Pvt. Ltd.

Nov. 2024 – Apr. 2025

Remote

- Developed full-stack applications for internal and client use cases.
- Built and tested complex scenario applications involving IoT integrations through communication channels.
- Integrated backend services such as AWS EKS for large-scale deployment with high uptime and processing of 10M+ data.

PROJECTS

Video Generator AI Website | *Next.js 15, JavaScript, Clerk, Drizzle ORM, Neon*

Sep. 2024 – Nov. 2024

- Transforms text queries into engaging, high-quality videos using advanced AI.
- Combines GPT-4, ElevenLabs, AssemblyAI, and Hugging Face for stronger generation quality and output richness.
- Designed for marketers, educators, and content creators who need fast, automated video generation.

Mental Health App | *Flutter, Express.js, PostgreSQL, Redis, Render*

Oct. 2024 – Oct. 2024

- Helps users manage stress and anxiety with personalized AI-driven advice and a built-in relaxation music player.
- Powered by LLAMA-8B-8192 and a facial emotion recognition model; supports external APIs like Anthropic, OpenAI, and Mistral.
- Built with Node.js, PostgreSQL, Firebase, and TensorFlow, and deployed on Render with secure, scalable architecture.

TECHNICAL SKILLS

Languages: Dart, JavaScript, TypeScript, Go, Python, C/C++, C#, SQL (Postgres), Lua (Redis)

Frameworks: React, Next.js, Node.js, Flutter, Flask, Shadcn, Tailwind, Material-UI, GroqAI, AppWrite, Prisma, Drizzle, GORM, Django, FastAPI, JSON Serialization, Protobuf

Developer Tools: Git, Apache Kafka, GitHub, InstillAI, Docker, Kubernetes, Vercel/Netlify/Heroku/Cloudflare, CircleCI, TravisCI, Amazon Web Services, Google Cloud Platform, Clerk, Render

Libraries: TensorFlow, GoFr, Scikit-Learn, pandas, NumPy, Matplotlib