

Ankit Kumar

+91 9128762149 | iankitkd@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Indian Institute of Information Technology, Ranchi

Bachelor of Technology in Electronics and Communications Engineering, CGPA-9.52

Ranchi, Jharkhand

2023 - 2027

Prakash Punj Public School

AISSE (12th) 96.2%, AISSE (10th) 96%

Masaurhi, Patna

2013 - 2022

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, TypeScript, JavaScript, SQL, HTML/CSS

Web Frameworks & Libraries: React, Next.js, Node.js, Express, Tailwind CSS, Shadcn, Socket.IO

Databases & ORMs: MongoDB, PostgreSQL, MySQL, Prisma, Mongoose, Sequelize, Redis

Cloud & DevOps: AWS, Docker, Kubernetes, Vercel, GitHub Actions

Testing & Monitoring: Vitest, Playwright, Prometheus, Grafana, Sentry

Developer Tools: Git, GitHub, VS Code, Postman, ESLint, Prettier

PROJECTS

Assetly | *Next.js, TypeScript, Material UI, PostgreSQL, Supabase, Prisma, Stripe, Auth.js*

[Live](#) | [Code](#)

- Built a full-stack **digital asset marketplace** supporting **2 user roles** with secure role-based access control.
- Implemented **Stripe payment workflows** covering **100% of checkout paths** with secure order fulfillment.
- Developed **seller dashboards** with **3+ analytics views** for earnings, sales trends, and order history.
- Improved checkout reliability through automated **end-to-end testing** and production error **monitoring**.
- Designed a **responsive, scalable UI** using **reusable components** across all core marketplace pages.

Feed-Social | *Next.js, TypeScript, Tailwind CSS, shadcn/ui, MongoDB, Express, Socket.IO*

[Live](#) | [Code](#)

- Built a responsive **social media platform** with **5+ core pages** using Next.js, TypeScript, and Tailwind CSS.
- Implemented secure **authentication** supporting **JWT-based sessions** and encrypted credentials with bcrypt.
- Developed **post interactions** including create, delete, like, and reply flows across **4+ user actions**.
- Integrated Socket.IO for **real-time messaging** with **3 states**: unread badges, typing indicators, online status.
- Designed **RESTful APIs** across **6+ endpoints** using Express and Mongoose for scalable data access.

RF Check | *Next.js, Tesseract.js, Gemini, OpenRouter, Tailwind CSS*

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- Built an **AI-powered fact-checking web app** analyzing text across **3+ verification signals**.
- Extracted text from uploaded images using **Tesseract.js**, supporting multiple input formats.
- Integrated **Gemini** and **5+ AI models** via **OpenRouter** for analysis.
- Parsed structured AI responses including **0-100 confidence scores**, labels, sources, and keywords.
- Designed a **responsive UI** using Tailwind CSS across all application views.

ACHIEVEMENTS

- Solved **800+** algorithmic problems across multiple [coding platforms](#).
- Achieved a **2-Star** rating on [CodeChef](#) through consistent competitive programming performance.