

Sumama Khan

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GitHub | LinkedIn | LeetCode

Education

Indian Institute of Technology Patna

August 2024 – July 2028

B.Sc. in Computer Science and Data Analytics

CPI : 9.47

Skills

Programming Languages: Typescript, Javascript, Java, Golang, Python

Libraries/Frameworks: ReactJs, NextJs, TurboRepo, Tailwind CSS, Node.js, ExpressJs, jest, Docker, Cloudflare, Websocket, Clerk, Prisma ORM, NextAuth.js, JWT, bcrypt.js, Pandas, Numpy, Matplotlib, Seaborn, TensorFlow, Keras, Langchain, Hugging face, Scikit-learn, Streamlit

Tools / Platforms: Github, VS Code, Cursor

Databases: SQL, MongoDB, PostgreSQL

Experience

Mesco Trust

April 2025 – Present

Full Stack Developer – Typescript, React, Node.js, Strapi, Razorpay, PostgreSQL, Cloudefare, Nginx, Pm2 Mumbai, India

- Designed and Developed a modern, high-performance NGO website with responsive design, smooth animations, **dynamic routing and optimized load times across all devices**.
- Integrated **Strapi CMS** with a custom service layer, enabling dynamic content management, **RESTful API** handling, and robust client-side caching with fallback and refresh logic.
- Implemented **performance optimizations** with code-splitting, React Suspense, lazy loading, and skeleton screens—reducing bundle size by **60%** and API calls by **70%**. Designed a custom caching system with background refresh and usage-aware invalidation to deliver a faster, smoother user experience.
- Integrated **Razorpay** payment gateway and a chatbot for FAQs, and ensured scalable deployment with **PM2, Nginx, Cloudflare**, and real-time monitoring and more Features Added.

Projects / Open-Source

SafeReport | Live

Next.js, GeminiAI, Mapbox, TypeScript, TailwindCSS, Postgres, Prisma

- Developed **SafeReport**, a secure full-stack web app for **anonymous crime reporting**, with a modern, responsive UI and Mapbox for geolocation tracking.
- Integrated **Gemini AI** for smart incident detection from uploaded images, **auto-generated** titles/descriptions, and a chatbot that guides users on disaster safety and report filing.
- Implemented report tracking via unique report IDs**, allowing users to check the status (pending/resolved/rejected), along with a secure, role-based admin dashboard and a added blog page for promoting emergency awareness and crime prevention.

WireCode | Github

Next.js, TypeScript, TailwindCSS, Postgres, FireBase, Blob, OpenRouter.ai, Sandpack

- Built a full-stack web app that **converts wireframe images into responsive React + Tailwind components using AI models via OpenRouter**. Integrated Firebase Auth, Drizzle ORM and Vercel Blob for user, image, and code storage.
- Enabled **real-time streamed code generation** with live editing (Sandpack), conversion history tracking, and a credit-based usage system. Focused on responsive UI, prompt engineering.

Resume Builder | Live

Next.js, TypeScript, TailwindCSS, JavaScript, Postgres, Prisma

- Built a full-stack **ATS-friendly resume builder** with live form editing, real-time preview, and drag-and-drop section reordering (**dnd-kit**) for personalized layout control.
- Integrated **Clerk** for secure user authentication and implemented professional PDF export using **react-to-print**. Focused on high performance, cross-device compatibility, and seamless resume creation experience.

Achievements

- Solved **600+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and GFG.
- Development **Team Lead**, IIT Patna (2024- present)