

RISHI GHOSH

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SUMMARY

First-year CSE student and co-founder with 1.5+ years of production React/TypeScript experience. Building Foretyx AI an enterprise LLM security platform as CTO while running Agnio, a client web development agency.

EDUCATION

Netaji Subhash Engineering College

B.Tech in Computer Science & Engineering (Cyber Security)

Kolkata, India

Sep 2025 – Present

EXPERIENCE

Co-Founder, COO & CTO

Foretyx AI – Enterprise LLM Security Middleware

Dec 2025 – Present

Remote

- Architected a production React/Vite/TypeScript admin panel for an AI security gateway handling real-time LLM request streams, PII tracking, and policy enforcement at sub-200ms SLA
- Implemented audit-log, incident, and policy modules with Zustand state management; owned JWT auth flows and the full frontend-backend API contract
- Managed Docker deployment, GitHub Actions CI/CD, and FastAPI service orchestration; led ML Researcher onboarding and technical hiring for the 3-person founding team

Founder

Agnio – Web Development Agency

June 2026 – Present

Remote

- Founded and operate a solo web development agency delivering custom React and Next.js sites for clients, handling end-to-end product design, development, and deployment
- Managed client relationships, scoped project requirements, and shipped production-ready frontends with Tailwind CSS, TypeScript, and Vercel deployment pipelines

PROJECTS

Lume | Next.js 14, D3.js, Supabase, HuggingFace | [GitHub](#)

2025

- Built a D3-powered force-directed codebase galaxy visualizing security debt, OWASP/CWE-mapped vulnerabilities, and blast-radius risk zones across a repo
- Integrated HuggingFace Mistral LLM to generate executive business summaries and click-to-deploy AutoFix patches with live git-diff previews

ResearchOS – Multi-Agent Pipeline | LangGraph, FastAPI, Groq, React | [GitHub](#)

2025

- Orchestrated a 4-agent DAG (Search, Reader, Writer, Critic) using LangGraph and Groq's Llama 4 Scout to autonomously research topics and deliver scored reports in under 30 seconds
- Built a React/Vite dashboard with real-time terminal logs and live agent tracking; integrated Tavily API for authority-ranked web scraping

ScamShield | React, Vite, FastAPI, Scikit-learn, Chrome Extension

Feb 2026

- Built a fake job placement scam detector with a React/Vite frontend, Chrome extension, and FastAPI + Scikit-learn backend; delivered a working prototype within a 24-hour hackathon sprint

Foretyx Secure Gateway | React, Vite, TypeScript, Zustand, Docker

2024 – Present

- Built the production admin panel for Foretyx's AI security middleware covering policy config, audit log exploration, PII tracking, and gateway controls

TECHNICAL SKILLS

Languages: JavaScript (ES2023+), TypeScript, Python, HTML5, CSS3

Frontend: React, Vite, Next.js 14, Zustand, React Router, Tailwind CSS, Shadcn/UI, D3.js

AI / ML: LangGraph, LangChain, FastAPI, Groq (Llama 4), HuggingFace Inference API

DevOps & Tools: Docker, Git, GitHub Actions, Supabase, REST API integration, JWT auth