

SUBHRAJYOTI GHOSH

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SUMMARY

Final year Computer Science student with hands-on experience in building secure and scalable web applications. Keen on system design, problem-solving, and exploring new technologies.

EDUCATION

Manipal Institute of Technology, Bengaluru

BTech - Computer Science and Engineering | CGPA: 8.17

2022 - 2026

Bangalore, Karnataka

Delhi Public School

CBSE XII: 89.8% (PCM Stream) | CBSE X: 88.8%

2008 - 2022

Bangalore, Karnataka

EXPERIENCE

Samsung PRISM

Mar 2025 – Present

Project Intern

Samsung R&D Institute Bangalore, Remote

- **Tools:** Python, Selenium, Langchain, Neo4j
- Built automated pipelines with Selenium to scrape 50k+ product reviews from e-commerce sites.
- Applied NLP techniques for entity recognition, sentiment analysis, and constructed a knowledge graph to visualize product-feature sentiment links.

Liveplay.in

Dec 2024 – Jan 2025

Fullstack Developer

Remote

- **Tools:** Next.js, Supabase, Razorpay
- Finished building a sports event management platform, growing user base from 0 to 300+ in the first month.
- Implemented OTP-based authentication using Supabase functions to streamline onboarding and enhance database consistency; resolved production-critical bugs, ensuring a successful and timely platform launch.

PROJECTS

Chat-PDF

[Github](#)

- **Tools:** React.js, Typescript, FastAPI, LangChain, FAISS, SQLite, PyJWT
- Implemented a Retrieval-Augmented Generation (RAG) pipeline using LangChain, FAISS, and Google Gemini AI to provide context-aware answers by combining document search with large language model responses.
- Secured user sessions and chat history with JWT-based authentication.

SmolURL

[Github](#)

- **Tools:** Go, Redis, Docker, React.js, Typescript
- Full-stack URL shortening service using Go and Redis, fully Dockerized for seamless deployment and scalability.
- Implemented features like custom aliases, rate limiting, and automatic link expiration.

AI Logo Generator

[Github](#)

- **Tools:** Gemini API, Next.js, TailwindCSS, MongoDB, Clerk, Cloudinary
- Developed a full-stack responsive web app for generating unique, brand-specific logos using Gemini AI, with MongoDB and Cloudinary integration for data storage and management.

TECHNICAL SKILLS

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

Libraries: React.js, Next.js, Node.js, Express.js, Spring Boot, TailwindCSS

Tools/Platforms: Git, Linux, Docker, Supabase, MongoDB, MySQL, PostgreSQL, Vercel, Postman

Coding Profiles: leetcode.com/u/thornxyz/

LEADERSHIP & ACTIVITIES

Tech Solstice, MIT Bengaluru

2024

Operations Team Member

Bangalore

- Organized *Codewars* (competitive programming) and *Webcraft* (web design), attracting 50+ participants.
- Coordinated logistics and judged submissions across multiple categories.