

# Chinmaya Thakral

+91 99110 67322 | chinmaya.thakral@gmail.com | linkedin.com/in/chinmayathakral | github.com/chinmayathakral

## EDUCATION

### VIT Bhopal University

B.Tech in Computer Science and Engineering (AI/ML)

CGPA: 8.1

Aug 2023 – Present

### Sarvodaya Vidyalaya, FU Block

Senior Secondary, CBSE

X - 88%, XII - 86%

Aug 2021 – July 2023

## TECHNICAL SKILLS

**Programming:** Python, C/C++, Kotlin, Solidity, JavaScript, OOPs, Data Structures & Algorithms

**DevOps & Deployment:** Docker, Firebase, Vercel, Cloudflare, RESTful APIs

**Libraries & Frameworks:** Next.js, Tailwind CSS, FastAPI, Hugging Face Transformers, Ethers.js

**Tools & Platforms:** Git, Supabase, Foundry, Google Colab, Android AOSP, Linux Kernel Development

## EXPERIENCE

### Project Director, Founding Member

May 2024 – Feb 2025

Shunnaya (Cybersecurity Startup)

Remote

- Led a 10+ member team to architect, develop, and deploy a full-stack automated management platform for a major event and wedding planning company; handling WordPress, React, Next.js development, backend infrastructure, server hosting, deployment pipelines, and web performance optimization.

## PROJECTS

### GapstractAI | Next.js, Tailwind, ShadCN, Vite, FastAPI, NLP, Hugging Face

- Developed a full-stack AI-driven research assistant to help students generate unique problem statements by analyzing paper abstracts, extracting metadata, summarizing literature using NLP models (T5/BERT), and surfacing semantic gaps. Designed as a one-stop platform for research exploration, ideation, and academic acceleration.

### Mintellect | Next.js, Thirdweb, Supabase, Vite, Polygon Mumbai, Blockchain

- Built a decentralized NFT marketplace to tokenize handwritten notes, with modular shopping cart architecture, decentralized storage, and seamless MetaMask-enabled purchasing flows.

### Audiobaaz.in | React, Next.js, FastAPI, WordPress, WooCommerce, Cloudflare

- Co-founded India's only P2P audiophile marketplace with secure escrow payments, pre-shipment verifications, KYC onboarding, and full-stack optimization using Cloudflare acceleration.

### RT-MCLAS | Python, Kotlin, Docker, Sockets

- Engineered a real-time multi-camera live alert system for broadcasters using socket communications, mobile NDK optimizations, and Dockerized backend services, enhancing streaming reliability.

## PUBLICATIONS & PATENTS

### Research Paper: "Centralized Health Record Platform under UHI & ABDM"

[Details](#)

- Published a system architecture for secure, AI-enabled, interoperable healthcare records integrating genetic insights for precision healthcare in the Indian ecosystem. (Smart India Hackathon 2024 Semi Finalist)

### Patent: "Tear-Activated Wearable Medical Emergency Band"

[Details](#)

- Invented a tamper-proof wearable device embedded with offline data storage, QR-based activation, and emergency geo-tagging, aimed at enabling instant access to critical health records during emergencies; purposed to save lives by empowering first responders with secured patient information.

## EXTRACURRICULAR

### Null VIT Bhopal Student Chapter

Feb 2024 – Mar 2025

null - The Open Security Community

Madhya Pradesh, India

- Led the Tech Team to organize national-level hackathons and CTF competitions with 800+ participants, and designed Android/Web penetration testing challenges.
- Mentored hackathon participants in ideation, development, and project pitching, improving innovation success rates and reducing deployment time by 30%.