

Saksham Vitwekar

16 years old • saksham.vitwekar@gmail.com • +91 8767067702 • [Website](#) • [GitHub](#)

A young developer focused on low-level systems, backend engineering, and healthcare software.
Programming since the age of 8.

EDUCATION

- **Arwachin India School** | 2025 - Present
- **Reliance Foundation School** | 2016 - 2025

TECHNICAL SKILLS

Programming Languages: HTML, CSS, Javascript, TypeScript, C, Java, Python, SQL, Bash

Frameworks: NextJS, ReactJS, FastAPI, ExpressJS

System Preferred: Linux

Databases: Redis, MongoDB, MariaDB, PostgreSQL

Deployment: Supabase, Vercel, Netlify, OCI

Specializations: Low Level Programming, Full Stack Web Development, UI/UX, Pentesting, Linux System Administration, Cloud Practitioner, DevOps, SecOps

CERTIFICATIONS

Google Cybersecurity Certificate | **XKX1UXCDIK37** | [Verify](#)

March 2026

- Completed the Google Professional Cybersecurity Certificate provided on Coursera
- Learnt about the basics of cybersecurity and about different tools like SIEM
- Gained knowledge about different cybersecurity incident handling protocols like NIST CSF, RMF etc.
- Got hands-on practical experience with different cybersecurity tools like Chronicle, TCPdump, Wireshark, Suricata

PROJECTS

C Reddit API Wrapper | C, LIBCURL | [GitHub](#)

May 2023

- Built a low-level Reddit API SDK in C using libcurl with full OAuth2 support
- Optimized memory usage and structured error handling for low-level systems efficiency
- Added modular endpoints for posts, comments, and subreddit data retrieval

StreamWaveTV | JAVASCRIPT, NEXTJS, TAILWINDCSS, REDIS | [Website](#)

February 2026

- Built a streaming website which utilised the public IPTV list and parsed it using Hls.js
- Added UI which showed the most viewed channels and updated dynamically
- Gained more than 500 visitors in just 12 hours

CalcForCardiac | TypeScript, NextJS | (In active development, pre-release) | [Website](#)

March 2026

- Created a zero-login and minimal friction medical calculator especially for cardiologists

- Implemented a dynamic calculator engine supporting extensible medical models
- Integrated multi-parameter clinical formulas requiring precise numerical computation
- Built 10+ clinical-grade calculators (Cockcroft-Gault, MELD, CKD-EPI, TIMI) aligned with advanced medical formulas
- Documented all the medical calculators in the correct medical terminologies

PROFESSIONAL EXPERIENCE

Server Hosting | Self-Employed

January 2020 - March 2024

- Designed and Hosted Game servers using the Oracle Cloud Infrastructure (OCI)
- Implemented the different aspects of networking and DevOps practically
- Marketed the hosting and gained around 200 users

EXTRACURRICULAR EXPERIENCE

Model United Nations | RFSKK | NAVI MUMBAI

November 2024

- Participated in a MUN session which was held for 2 days
- Collaborated and communicated efficiently with other delegates and maintained a healthy amount of diplomacy