

Yogesh Khutwad

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EDUCATION

MIT

Masters Blockchain

Pune, Maharashtra

EXPERIENCE

Freelance Intern, Tublian

Jun. 2025 – Aug. 2025

Remote

- **Freelance Internship Experience** Worked on diverse freelance-style projects, managing tasks independently while meeting deadlines.
- **Industrial Exposure** Interacted with industry professionals and gained insights into real-world problem-solving approaches.
- **Collaboration** Engaged with peers and mentors remotely, enhancing teamwork and communication skills in a distributed setup.

Core Team Member, Google Developer Students Clubs (GDSC)

Sep. 2023 – Jan. 2024

VCACS Pune, Maharashtra

- **Event Organization and Management** Actively participated in organizing and conducting events such as lab solving sessions and Gen-AI game competitions.
- **Technical Skill Development** Gained hands-on experience in cloud computing and contributed to technical learning initiatives within the community.
- **Community Engagement** Collaborated with fellow students to promote and enhance engagement in technology-driven activities.

PROJECTS

Solana Wallet Integration — Next.js, Solana Wallet Adapter, Tailwind CSS

Sep. 2024

Live: solanawallet.dev

- **Wallet Connectivity** Integrated Solana Wallet Adapter to connect multiple providers including Phantom, Solflare, TrustWallet, and MetaMask.
- **Transactions** Enabled users to send and receive test SOL, fetch full transaction history, and retrieve transaction signatures.
- **Testnet Features** Provided functionality to request test SOL airdrops for seamless testing and development.

HACKATHONS

BNB Hack (Aug. 2025): Selected among thousands of applicants for a premier hackathon organized by Fluxor and Binance in Mumbai.

Project: Developed an NFT-based ticketing system leveraging blockchain for secure and verifiable event tickets.

Smart Contracts: Implemented using Solidity and ERC-721 OpenZeppelin standards, deployed with Hardhat.

Frontend/Backend: Built with Next.js including API routes for backend logic.

Database Auth: Used Supabase for data storage Magic Link for passwordless user auth **Links:** [Live Demo](#) — [GitHub Repo](#)

RESEARCH PAPER

Effects of Quantum Technology on Cryptography: Ongoing research on the potential threats quantum computing poses to cryptographic security.

Focus: Studying how quantum algorithms such as **Grover's** and **Shor's** can break private keys much faster than classical computers.

Impact: Evaluating vulnerabilities in current cryptographic systems and identifying risks to encryption standards.

Work in Progress: Exploring possible mitigations and post-quantum cryptographic approaches.

Link: [Research Page](#)