

# AMAN ASHOK KOLI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Second-year Computer Science Engineering student with hands-on experience building production-grade Web3 and full-stack applications. Currently developing DealVault, a Stellar blockchain escrow platform using Soroban smart contracts, React.js, Node.js, and MongoDB, alongside LynxX Wallet, a non-custodial Stellar Web3 wallet, and Pactum, an on-chain commitment registry and reputation system. Active open-source contributor with a strong foundation in frontend development, blockchain fundamentals, and collaborative GitHub workflows.

## EDUCATION

### Bachelor of Technology — Computer Science Engineering

Expected 2029

ITM Skills University, Navi Mumbai | Currently: Second Year

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Python, Java, JavaScript

**Web Technologies:** HTML5, CSS3, JavaScript, React.js, Next.js, Responsive Web Design

**Frontend Development:** React Components, State Management, API Integration, UI/UX Design

**Backend Development:** Node.js, Express.js, REST APIs, JWT Authentication

**Databases:** MongoDB, MongoDB Atlas

**Web3 & Blockchain:** Stellar, Soroban Smart Contracts, Stellar SDK, USDC, DApps, Wallet Development, Wallet Integration, Blockchain Transactions, Freightier, xBull, Lobstr, Solar

**Open Source & Development:** Git, GitHub, Pull Requests, Code Reviews, Issue Tracking, CI/CD, GitHub Actions

**Tools & Platforms:** VS Code, Postman, Vercel, Render

**Design:** Figma, Canva, Blender

## PROJECTS

### DealVault — Web3 Escrow Platform

2025 – Present

Open Source | Stellar Blockchain

- Building a production-grade escrow platform on the Stellar blockchain using Soroban smart contracts and USDC as the primary payment asset, targeting 80%+ completion for open-source maintainer status.
- Architected a Node.js/Express backend with MongoDB Atlas, GitHub OAuth authentication, JWT middleware, and a role-aware dashboard supporting five user roles: Contributors, Maintainers, Buyers, Sellers, and Escrow Agents.
- Developing a React.js frontend with wallet integration support for Freightier, Lobstr, xBull, and Solar; implementing a 2% platform fee revenue model.
- Authored nine core code modules covering auth routes, controllers, JWT middleware, Mongoose User model, React AuthContext, AuthCallback, Dashboard, ExploreIssues with login-gate modal, and a full App router with RequireAuth wrapper.

### LynxX Wallet — Stellar Web3 Wallet

2025 – Present

Open Source | Stellar Blockchain

- Developing a non-custodial Web3 wallet on the Stellar ecosystem with support for Stellar assets and blockchain transactions.
- Working with Soroban smart contracts for programmable blockchain functionality and wallet-related workflows.
- Implementing wallet connection, transaction construction, signing, and Stellar network interactions.
- Working across the frontend and backend, integrating Stellar SDKs, APIs, and wallet providers.
- Contributing to the project through GitHub issues, pull requests, code reviews, CI checks, and open-source collaboration.

### Pactum — On-Chain Commitment & Reputation Registry

2025 – Present

Personal Project | Stellar Blockchain

- Building a decentralized registry on Stellar that records real-world commitments, such as SLAs and milestones, and builds public, verifiable trust scores based on who actually keeps their word.

## OPEN SOURCE CONTRIBUTIONS

- Actively contribute to GitHub repositories by identifying and resolving issues, improving code quality, and collaborating with global developer communities.
- Experienced in team-based development workflows including issue tracking, branching strategies, pull requests, and code reviews.

## ACHIEVEMENTS & CERTIFICATIONS

- Mumbai Hackathon Participant — Developed innovative solutions under competitive time constraints.
- Google Developer Group (GDG) Hackathon — Qualified for Round 2; demonstrated technical problem-solving abilities.
- Multiple Hackathon Certificates recognizing participation and software development proficiency.