# RITIK PATEL

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**https://github.com/ritik4ever**

## EDUCATION

**PUNJAB ENGINEERING COLLEGE**
*Bachelor of Engineering  in Computer Science   (GPA: 8.4/10)*

**Relevant Courseworek:**

Programming in C and Data Structures, Object-Oriented Programming (C++/Javail. Discrete Mathematics, Computer Organization and Architecture, Database Management Systems, Operating Systems, Theory of Computation, Design and Analysis of Algorithms, Software Engineering, Computer Networks, Artificial Intelligence, Machine Leaming, and Web Development

## PROFESSIONAL EXPERIENCE

### Internship

**Software Development Engineer (SDE) Intern | Razorpay**      (Oct 24-Dec 24)

As an SDE intern at Razorpay, I developed and maintained backend services using TypeScript, PostgreSQL contributing to robust fintech solutions. I collaborated with cross-functional teams to deliver impactful features, enhanced system performance, and gained hands-on experience in a dynamic, fast-paced environment.

### Freelancing

- Developed 15+ end-to-end projects using MERN stack, Nextjs, and client-side crypto integrations.
- Built and deployed scalable web applications for various clients, ensuring optimal performance and security.
- Worked on Web3 projects involving blockchain interactions and smart contract integrations.
- Designed responsive and user-friendly interfaces, leveraging modem UI/UX principles.

### Open Source

OnlyDust, StarkNet, StarkCairo, Nethermind  Contributed to various Web3 and blockchain projects, focusing on smart contract development, zero-knowledge proofs, and developer tooling.     **Link**

### Hackathon

- I Participated in ETHIndia and Devfolio hackathons, collaborating on innovative Web3 and blockchain projects.
- Secured Top 25 at HackHazard 2025 (15,000+ participants) for building a crypto mining game on Monad blockchain under Track Monad.

### Project

**Smart-contract-valnerability-detector |** *Python, Next.js, Solidity, Vercel , GitHub*
- Scans smart contract source code for known security vulnerabilities
- Detects common types of exploitable code patterns          **Live Link | GitHub**
- Provides early warning of potential security risks before deployment

**Crypto-travel  |** Next.js, JavaScript, Recat, Metamask, Solidity, GitHub, Vercel
- Decentralized Travel Booking – Allowing users to book flights, hotels, or activities using cryptocurrencies.
- NFT-Based Travel Rewards – Issuing NFT-based loyalty points or digital travel passes.
- Decentralized Identity (DID) for Travelers – Enabling secure identity verification via blockchain.     **LiveLink | GitHub**
- Crowdsourced Travel Reviews – Storing genuine, tamper-proof travel reviews on-chain.
- Tokenized Travel Experiences – Offering tokenized travel experiences that can be traded or redeemed.

### Technical Skills

- Languages: TypeScript, JavaScript, Java, Rust, Solidity , GO
- Technologies: Next jt. React.js. Express js, Nodejs. WebSockets, Prisma, MongoDB, PostgreSQL, Redis, Appwrite, Clerk
- Authentication, Web3.js Ethers
- Concepts: Full-Stack Development, Web3 Development, Smart Contracts, Real-Time Web Applications, API
- Development. Authentication. Database Design, DevOps (Docker, Kubemetes). Cloud Deployment