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

NexusDEX Pro | *TypeScript, Next.js, JavaScript, Solidity, CSS, Vercel , Render, GitHub*

- **Multi-Chain Trading**: Support for X Layer, Ethereum, and Polygon
- **Smart Routing**: Optimal trade execution with minimal price impact   **Live Link** | **GitHub**
- Security First: Audited smart contracts and secure backend

Core-Yield | **TypeScript, JavaScript, CSS, Docker, Metamask, Solidity, GitHub, Vercel, Shell,**

- AI-Driven Allocation: Machine learning algorithms optimize fund distribution
- Liquidity Mining: DEX liquidity provision with trading fee rewards
- Gas Optimization: Batch transactions to minimize fees   **LiveLink** | **GitHub**
- Smart Contract Audits: Multi-layer security verification
- **Portfolio Tracking**: Live P&L and performance metrics
- Risk-Adjusted Returns: Maximize yield while maintaining target risk levels

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, AWS, IAM, Kafka