

EDUCATION

- National Institute of Technology Jalandhar (India)

B.Tech. in Computer Science

2021-25

EXPERIENCE

- NFT Biennial

Blockchain and HTML Game Developer (Contract)

December 2024 - Present

Remote(Turkey)

Building a blockchain-based HTML5 game using React.js, Phaser.js, and Hardhat

Developed smart contracts for game mechanics (points, gems, lives, NFT minting)

Designed key UI components: Wallet Connect, Leaderboard, Profile, Gameplay Screens

Worked on Gasless Offchain Solutions (Oasis ROFL) for reducing gas costs and optimizing contracts.

Technologies: Phaser.js, Solidity, React.js
- Vanna Finance

Full Stack & DeFi Engineer (Freelance)

July 2025 - August 2025

Remote

Integrating real-time trade panels and interactive charts by consuming data from the Derive API using WebSockets.

Building infrastructure to execute decentralized trades directly through Derive's API.

Working across the full stack to develop responsive interfaces and robust backend logic for DeFi trading features.

Technologies: Next.js, WebSockets, Solidity, Node.js
- DJED Alliance

Open Source Contributor (Web3)

January 2024 - Present

Remote

Implemented Ethereum Classic Oracle for DJED (PR link)

Worked on Ethereum Classic deployment on DJED Alliance - PR #31 #120 (Frontend)

Built a Next.js frontend for Gluon Protocol. (Deployment) (Github)

Configured Github Pages for deployments, improving Dapp Stability by Eliminating Dependencies to Centralized Services

Technologies: Ethers.js, Hardhat, Solidity, Foundry, React
- Byteoski Developers

Web Developer (Intern)

May 2023 - Aug 2023

Remote

Development of the frontend part of text-extraction dashboard.

Worked on adding IP address limiting on API.

Worked on creating Storybook instance to maintain design consistency to improve collaboration among the development team.

Technologies: Next.js, Nest.js, Typescript, TailwindCSS

PROJECTS

- ShadowFund

Tech Stack: React, TypeScript, Solidity (Foundry), Avalanche (Fuji), eERC20 (Avalabs SDK), Wagmi, Viem, Gemini API

Engineered a privacy-first crowdfunding platform powered by Avalanche's eERC-20, enabling encrypted donation amounts and anonymous contributors, while maintaining transparent campaign goals.

Integrated Gemini (LLM-based) intelligence for automated fraud detection, credibility scoring, and success prediction

Working on Privacy Infrastructure as a Service (PIaaS)—including sandboxed Avalanche L1s, cross-chain encrypted transfers, and enterprise-grade compliance tools for NGOs and businesses.

GitHub
- DataForge

Tech Stack: Next.js 14, React, TypeScript, Tailwind CSS, Node.js, MongoDB, Origin SDK, Web3 Wallet

Built a decentralized marketplace for AI training data, enabling dataset creators to monetize and license data via on-chain NFTs.

Added transparent pricing, royalty automation, and license enforcement with community-based quality ratings.

Developed full-stack features using Next.js, Node.js, MongoDB, and Web3 wallet integration via Origin SDK.

Solved issues like unclear licensing and lack of attribution by enforcing ownership and license terms on-chain.

GitHub
- Fundr

Tech Stack: Foundry, Solidity, Next.js, TailwindCSS, ShadCN UI, Prisma ORM, SIWE, PostgreSQL, Wagmi

A blockchain based platform for community-driven funding.

Users can deploy funding vaults, deposit funds, and submit proposals for funding. The platform uses a voting mechanism to decide which proposals receive how much funding.

Implemented lazy loading, SEO, and Docker multi-stage builds; set up CI/CD pipelines for automated deployment.

Excellent code quality as per open source standards.

GitHub

ACHIEVEMENTS

- Received two Grants from Ethereum Classic Foundation for implementing Ethereum Classic Stable Dollar (ECSD) - An algorithmic stablecoin based on Ethereum Classic. (Deployment Link)

Serving as a Google Summer of Code (GSoC) Mentor at AOSSIE

Awarded 2nd Position at the Harvard Health Hackathon held at IIT Ropar, India

Awarded 2nd Position at the Superteam Solana Build Station Hackathon held at Warsaw, Poland

TECHNICAL SKILLS

Solidity, Hardhat, Foundry, NextJS, ReactJS, Node.Js, Docker,FastAPI, PostgreSQL, Python, AWS, HTML, CSS, JavaScript