

AKARSH NARAYANAN

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I aim to leverage my knowledge and passion for Computer Science to develop **innovative solutions**, actively engage in **projects** and **events**, and continuously enhance my skills through **hands-on learning** and **collaboration**.

EXPERIENCE

I **designed a fully functioning vending machine code** on **Python** integrating **MySQL** database into the project with my team at Choice School for tasks including checking for stock, price and drafted a detailed report on its functioning for Mrs. Sreepadma.

Coordinator at the Campus Life Committee at SRM University where I helped maintain order and assisted event organizers.

Participation in **Web3 Hackathons** like **Hackverse**, **Build On Stacks** and **EthGlobal New Delhi** have helped me develop a complete product website that integrates vital Web3 technologies like blockchain, cryptocurrencies, wallets and more.

PROJECTS

TrueTicket - TrueTicket is a **decentralized event ticketing system** powered by the **Stacks blockchain** using **Clarity smart contracts**. It solves real-world ticketing problems, such as fraud, counterfeiting, and high service fees, by leveraging NFT-based tickets, transparency, and direct peer-to-peer payments. My role in this project included making the frontend from scratch using **reactjs**, **tailwindCSS** and **framer-motion**.

LearnX - LearnX is a **decentralized, AI-driven learning platform** that redefines how mentorship and education work in the Web3 era. Mentors can upload, manage, and sell their courses while retaining full ownership. Students, in turn, are rewarded for learning — they earn tokens or NFTs for each section they complete, making education engaging and incentivized. The platform also integrates an **AI chat assistant** powered by **Gemini** to resolve doubts instantly. I built **smart contracts** using **solidity** for the payment and assisted with the integration with the frontend.

ZkRisk - The first **blockchain lending platform** combining AI risk assessment, zero-knowledge identity verification, real-time oracle integration, and cross-chain messaging to enable under-collateralized borrowing up to 180% LTV. Developed Frontend for the project using **ReactJs** and **TypeScript**.

[**CertiFi**](#) - A **decentralized skill-trading platform** where developers can connect, collaborate, and exchange skills using blockchain-powered smart contracts. Built with Web3 to ensure transparency, trust, and fair collaboration.

EDUCATION

SRM University, Chennai, India | 2023-Present

CGPA: 8.88

The Choice School (CBSE), Kochi, India | 2019-2023

12th Board: 79%

10th Board: 85%

Aspam Indian Intl. School, Sharjah, UAE (CBSE) | 2014-2018

Our Own English High School (CBSE) Sharjah, UAE | 2011-2013

CERTIFICATES

Hackerrank

Python Certification - ID:IE835D970E34

Java Certification - ID:A61040983099

INTERESTS

Cybersecurity

Pen-Testing

Port Scanning

Databases

PROGRAMMING LANGUAGES

Python, C, C++

ReactJs, JavaScript for Web Development

HTML

CSS, Tailwind CSS

PostGreSQL, MySQL – database management

Kali Linux, Nmap, Ghidra, Burp Suite

LANGUAGES

English – Native/Bilingual Proficiency

Malayalam, Tamil, Hindi – Working proficiency