

Pavan Kumar K V

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[GitHub](#) — [LinkedIn](#)

Objective

Seeking an opportunity in a well-established professional environment to hone my knowledge and skills through practical experience.

Technical Skills

Programming Languages: C, Python, JavaScript, Solidity

Markup Languages: HTML5, CSS3

Technologies/Frameworks: Web Application Penetration Testing, Smart Contract Auditing, Next.js, Git(VC), Jenkins, Docker, Linux, MySQL, Web Hosting, Blockchain Ecosystems, Decentralized Finance Products, Codebase Inspection, Foundry, Hardhat Testing Tools.

Experience

Blockchain Developer Intern (Ignitus Networks)

June 2025 – July 2025

- Developed and deployed an NFT Marketplace and Pay-per-View Video Platform on both EVM-compatible (SEI, Nero) and non-EVM-compatible (Near, Cosmos) blockchains.
- Collaborated on front-end development using React.js, Tailwind CSS, Vite, and integrated IPFS for decentralized storage.

Projects

NFT Marketplace

[Live Demo Link](#)

Description: A decentralized platform to mint, list, and purchase NFTs using SEI tokens.

Tech Stack: React, Tailwind CSS, CosmJS, SEI Testnet, Keplr Wallet, Vite, IPFS

Premium Pay-per-View on Nero Blockchain

[Live Demo Link](#)

Description: NFT-based video campaign platform where users pay to access content after a free period.

Tech Stack: React.js, Nero Testnet, WalletConnect, Tailwind CSS, IPFS

Public Swap

[Live Demo Link](#)

Description: A platform for users to create and accept crypto token swap requests.

Tech Stack: React.js, Express.js, WalletConnect, Tailwind CSS, IPFS.

Achievements

- Achieved 23rd global position on HatsFinance as a security researcher.
- Secured 300th global position on Code4rena as a security researcher.
- Contributed to over 50 open-source projects as a security researcher.
- Secured first place globally in the Software Analysis report writing competition on Code4rena.
- Achieved top 3 globally in the Code Optimization and Quality Assurance report competition on Code4rena.

Education

- Master of Computer Application: Cambridge Institute of Technology (2023–2025)