

VIVEK PAL

FULLSTACK SOFTWARE ENGINEER



vivekpal.in



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Experienced Fullstack Engineer with a strong proficiency in Rust, NextJS, TailwindCSS, and TypeScript. Building modern web, with enhanced scalability and performance.

EDUCATION

B. Tech Computer Science
IFTM University
2021-2025

High School - 12th
Heritage Convent School
2011-2021

SKILLS

TECHNICAL

TypeScript
React.js / Next.js / Vue.js
WebGL / Three.js
WebSockets
Web3.js SDKs | Wallets
Linux | OS - Architecture
Node.js / Bun
Rust
WASM
Solana Stack
Ethereum Stack
OP Stack
WebVR
Monorepos / Turborepo

CREATIVE

CSS
Figma
Inkscape
Article Writing

OTHER EDUCATION

Harvard's CS50
Helsinki Uni's Full Stack Open

EXPERIENCE

Senshi | 2024-Now

- Build a game SDK on Solana Blockchain for tokenising in-game assets and crosschain-desposits using wormhole.

SHASTRAOS

Decentralized desktop workstation | 2022-2024

- Build an Arch-Based Linux Distro custom packages repo
- Implementation of Filecoin and IPFS for decentralized software packages infrastructure and time-shift backups
- Building GTK-based applications on Gnome with Rust, Python and Vala, also building Dapps infrastructure

BUIDLERS TRIBE

Web3 Native Incubator | 2023

- Worked on some Twitter Bots with Twitter API, Dune Analytics Dashboard

COMMUNITIES

SUPERTEAM MEMBER

- A community of the best talent learning,earning and building on blockchains
- Got into multiple hackathons and won few of them
- Contributed to some Solana based open source projects

FOSSCU | 2022-Now

- Contributing to Open Source with FOSSCU Team and Community
- Strongly promoting FOSS Apps and Linux in Colleges

OTHER PERSONAL PROJECTS

Solway | 2022

- Solana Hackathon winning Dapp, smart itineraries planner on Solana which uses GPT
- multi-chain soon, with the inbuilt wallet on mobile platform

MarkitDown | 2021

- Markdown Note taking web-app in TypeScript, React and ChakraUI

Chat p2p | 2023

- A peer-to-peer decentralized chat app that connects two instances seamlessly. Built using Libp2p, WASM, Rust, etc.

videoVR | 2021

- A video player for VR and 3D purpose, using WebVR and WebGL

Other Projects -

<https://github.com/vivekpal1/vivekpal1/pow.md>