Dinesh M

Ambitious Blockchain Developer | Rust & Full Stack Enthusiast | Cloud(Oracle CI)

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Profiles

○ DineshMN1

✗ @DineshMN17

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Summary

Blockchain Developer with experience in **full-stack** development and cloud deployment on **OCI** & AWS. Proficient in building decentralized applications and managing cloud infrastructure. Passionate about smart contracts, dApps, and blockchain technologies, with a strong interest in scalability and decentralized finance (**DeFi**).Currently expanding my skills in Rust and blockchain development. Eager to contribute to real-world Web3 projects through a Junior Developer role or internship while continuing to grow in the decentralized tech space.

Experience

Self-Taught Programmer   Ongoing
Personal projects

🔗 https://dineshmn.fyi

- Developed Solana-based dApps using Rust with a focus on smart contract development and optimization.

- Built full-stack decentralized applications with React/Next.js and Rust back-end integration.

Freelance   APR 2025 - Present
🔗 https://suprafashion.dineshmn.fyi

- Designed and developed a modern e-commerce platform for SupraFashion using Next.js, Sanity CMS, and Framer Motion for seamless animations and user experience.

- Integrated dynamic product filtering, shopping cart functionality, and Supabase for user session and cart management to enable a responsive, full-stack shopping experience.

Education

Anand Institute of Higher Technology (Affiliated to Anna University)   NOV 2022 - Present
Computer Science and Engineering   B.E
8.2 GPA

Skills

Programming Lanuaguages
Rust (intermediate) , TypeScript, JavaScript, Python, Shell, C, C++, Java

Web Development
React, Next.js, Express.js, Tailwind CSS, Node.js

Blockchain
Move, Solana, Anchor, dApp Development, Smart Contracts

Cloud & DevOps
Oracle Cloud (OCI), Nginx, Pterodactyl, Coolify, Supabase, Portainer, MinIO, Nextcloud

Tools & Platforms
Git, GitHub, Vercel, Docker, Webots, PostgreSQL, SQLite

Projects	**Solana Faucet**	March 2025

Built a Solana faucet using Next.js and TypeScript, enabling users to receive test SOL with rate limits and transaction tracking.

🔗 https://sol.dineshmn.fyi

Developed a Solana faucet using Next.js and TypeScript, allowing users to airdrop **test/dev** net **SOL** with rate limits and transaction tracking, ensuring fair distribution and seamless user experience.

Reactjs, Solana, Express js, Tailwind Css

Cloud Infrastructure & PaaS Deployment   NOV 2024

Deployed and managed PaaS solutions on OCI, including Nginx, Pterodactyl, Coolify, Portainer, Supabase, MinIO, and Nextcloud, optimizing for performance, scalability, and cloud efficiency.

Skilled in **cloud deployment** and **infrastructure management** on OCI. Successfully hosted and optimized a **Minecraft server** using **Pterodactyl**, focusing on resource utilization and ease of management.

WALL-E: Agri-Fleet Visualization Dashboard   MARCH 2025

Built a smart agriculture dashboard to visualize rover movements and real-time status using Next.js integrated with Webots simulations.

Developed a responsive frontend to supervise SLAM-based autonomous rovers for agriculture. Emphasized **real-time interaction**, **fleet tracking**, and **scalability**, creating a clear interface for non-technical users.

Nextjs, We bots, Flask, Tailwind Css, Ai agents

Solana Voting dApp   APRIL 2025

Created a decentralized voting application on Solana Devnet using Rust and the Anchor framework, with a React-based frontend.

Designed and deployed a voting smart contract using Anchor, enabling wallet-authenticated users to vote securely. Focused on **on-chain logic**, **program testing** using `anchor test` & **anchor-bankrun**, and building a **clean UI** for interaction.

Rust, Anchor, Solana, TypeScript, React

E commerce   APR 2025 - Present

Designed and developed a modern e-commerce platform for SupraFashion using Next.js, Sanity CMS, and Framer Motion for seamless animations and user experience. Integrated dynamic product filtering, shopping cart functionality, and Supabase for user session and cart management to enable a responsive, full-stack shopping experience.

🔗 https://suprafashion.dineshmn.fyi

BLOG	**Introduction to Blockchain**	MARCH 2025

Authored an "Introduction to Blockchain" blog, simplifying key concepts and applications for beginners.

🔗 https://www.dineshmn.fyi/n/blockchain

Plan to expand the blog with in-depth posts on blockchain, dApps, and emerging tech trends, providing valuable insights for readers.

Become a Rustacean   MAY 2025

Wrote a blog on Rust programming, covering key concepts like ownership, borrowing, and memory management for beginners.

🔗 https://www.dineshmn.fyi/n/rustacean