

ARAVIND S

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Technical Skills

Education: BE in Electronics and Communication

Languages: Solidity, Yul, Rust, Golang, Python, JavaScript, TypeScript, C, SQL

Frameworks: Foundry, Hardhat, Truffle, Anchor, Node.js, Web3.js, Ethers.js, solana/Web3.js, React, React Native, Next.js

Tools: Remix, Slither, Aderyn, Certora, Subgraph, Tenderly, Redis, MongoDB, Postman, DigitalOcean, AWS

Experience

Brixbit

Aug 2025 - Present

Blockchain Developer

Onsite, Chennai

- Led the setup of a **Layer 2 Validium chain using zk-proofs** on top of a custom EVM-compatible Layer 1 blockchain (**Silc**) utilizing **Polygon CDK** repositories in **Golang** and running binaries directly instead of containerized deployments.
- Deployed, and maintained the **Silc Layer 1 blockchain**, ensuring network stability, performance, and validator operations.
- Developed **secure Solidity smart contracts** and **Node.js (TypeScript) backend services** for a decentralized identity (DID) system integrating **AI-based face recognition** to bind biometric identity with on-chain DID.
- Built **flashloan-based DeFi systems** (arbitrage, refinancing, collateral swaps, self-liquidation) integrating **Aave, Compound, Uniswap V3, and Curve** via solidity smart contracts.
- Developed **multi-chain smart contracts** in **Solidity and Rust (Solana)** for presale and staking systems.
- Wrote **test suites using Foundry** and performed **security reviews** and **gas optimizations** on solidity and rust-solana contracts.

Nonceblox

May 2024 - July 2025

Blockchain Protocol Developer

Remote

- Designed and developed a wide range of **smart contracts** including staking, vesting, token launchpads, and decentralized exchanges (DEX) across multiple chains such as Ethereum, Binance Smart Chain, and Polygon.
- Built **customizable token, staking and vesting contracts** with user-defined parameters and logic tailored for client-specific deployments.
- Researched and integrated advanced blockchain technologies like **EigenLayer, Liquid Restaking Tokens (LRTs)**, and cross-chain protocols such as **LayerZero**.
- Worked with and implemented multiple **Ethereum standards (ERCs)**, including **ERC20, ERC721, ERC3643** for Real World Assets (RWAs), **ERC4626** for yield vaults, and interoperability standards.
- Developed smart contracts using both **Solidity and Rust**, enabling **cross-chain interactions** and supporting ecosystems like Ethereum and Solana.
- Built backend services (Node.js/Express) and **on-chain bots** for functionalities such as whale wallet copy trading, real-time data processing, and DeFi analytics.
- Integrated **AI models** (OpenAI, Gemini) into backend systems to enhance automation, user interaction, and trading intelligence.
- Collaborated on **frontend development** using **React**, contributing to dashboards, protocol interfaces, and internal tools.
- Worked on **mobile features** using **React Native**, implementing wallet integration and integrating backend and blockchain features.

Rastr Technologies

Feb 2024 - Apr 2024

Blockchain Developer Intern

Remote

- Development and implementation of **smart contracts**.
- Researched various blockchains like Komodo, Cronos, etc.
- Implemented a **private Ethereum blockchain** for smart contract deployment.

Projects

Proof-of-Stake Prototype (Python) - [🔗](#)

Rareskills-Yul-Puzzle - [🔗](#)

NFT Marketplace - [🔗](#)

Stable Coin Foundry - [🔗](#)

Twitter Solana App - [🔗 Live](#)

Web3 Tracking App - [🔗 Live](#)

Certificates

Encodeclub Advanced Solidity Bootcamp [2024] - [Link](#)

Encodeclub Solidity Bootcamp [2024] - [Link](#)

Ackee - School of Solana season 07 [2025] - [Link](#)

BEC Vantage [2020] - [Link](#)

Blockchain Certification Training - [Link](#)

Ethereum DApp Development - [Link](#)

Intermediate Python - [Link](#)