

Sidharth Punathil

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I'm a generalist exploring all things tech and enjoy wearing many hats, from building software to diving into blockchain, security, and more. constantly learning new things. adapting to new challenges, and always being up for tackling the next one.

EXPERIENCE

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- Cofount Labs LLP - AI Innovation Partner** Full-time
Software Engineer & CTO – Backend & AI Systems Aug 2023 – Present
 - Developed scalable backend services using NestJS, Node.js, and Go for global client projects.
 - Created multiple LLM-based proof-of-concepts, enabling clients to explore AI-powered solutions.
 - Collaborated across teams to deliver production-ready architectures that scale.
 - Phaethon Technologies Pvt Ltd** Internship
Blockchain Developer Feb 2023 – Jul 2023
 - Contributed to the development of an NFT marketplace, writing smart contracts in Solidity.
 - Developed secure backend APIs and collaborated with QA teams to ensure compliance with security best practices.

SKILLS SUMMARY

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- Languages:** Python, JavaScript, TypeScript, Go, Rust, Solidity, SQL
 - Frameworks:** NestJS, Next.js, FastAPI, React, Prisma, Anchor
 - Tools:** Docker, Git, PostgreSQL, Redis, Anchor, Pinecone
 - Soft Skills:** Adaptability, Accountability, Open-Mindedness, Team Leadership, Problem-Solving

PROJECTS

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- Hackersift (Smart Contract Security, RAG, MCP):** Developed an MCP Server for smart contract auditors to look up past security reports and receive code audit recommendations. Built with Python, FastAPI, Pinecone, and Retrieval-Augmented Generation (RAG). Open-sourced at: github.com/0xWeb3Research/hackersift-mcp
 - Aces - Social Network for Artists (Backend Development, Real-time Systems):** Built a social networking platform for artists with NestJS, Node.js, Prisma, PostgreSQL, and Redis. Developed core backend features and collaborated with frontend developers for real-time updates and seamless UX. <https://acesorg.com/>
 - SnippetBox (Web Development, Golang):** A web app to paste and share text snippets, built while learning Go. Implements clean architecture with user authentication, session management, and a PostgreSQL backend. Open-sourced at: github.com/sidharthpunathil/snippetbox

LEADERSHIP

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- Co-Founder, Unicorn Dev Community:** Started a peer-to-peer learning community in college that grew into an active developer network. Led a team that won 12+ hackathons and a lot more compitions, and organized multiple hackathons, workshops, and technical events to foster collaboration and skill-building.
 - Campus Lead, Web3 Kerala** Kerala, India
Led community development and Web3 initiatives for students across Kerala. Nov 2022 - Jul 2023
 - Co-Lead at Developer Student Clubs JEC** Thrissur, India
Conducted online and offline technical & soft-skills training impacting students. Aug 2022 - Jan 2023

HONORS AND AWARDS

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- Solana Fellow'25:** One of the top 100 Candidates selected for the solana fellowship by Superteam.
 - ScaleHack'24 – Med Hack:** Our team got the track price for Best Use of Innovative Technology. We build an all in one health based product. Issued by ScaleUp Conclave 2024.
 - NASA Space Apps Challenge 2023:** First place at the local event and nominated for the Global Challenge (The world's largest global hackathon conducted by NASA).
 - VaigaAgriHack'23:** 1st Prize, College Category - VAIGA Agri Hack 23 is Kerala's largest agricultural hackathon conducted by the Department of Agriculture Development and Farmers' Welfare, Government of Kerala, as a part of the VAIGA Agricultural Fest.

VOLUNTEER EXPERIENCE

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- Director of International Service, Rotaract Calicut East** Calicut, India
Leading international collaborations, exchange programs and global community projects. Jul 2025 - Present

EDUCATION

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- Jyothi Engineering College** Kerala, India
Bachelor of Technology - Computer Science July 2019 - June 2023