

# Sidharth Punathil

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Portfolio: [sidharth.co](https://sidharth.co)

## EDUCATION

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

## SKILLS SUMMARY

- Languages:** Python, Javascript, Typescript, Golang, Rust, Solidity
- Frameworks:** Nestjs, Nextjs, FastAPI, Django, React
- Tools:** Docker, Git, PostgreSQL, Redis, Anchor
- Platforms:** Linux, Web, Windows, AWS
- Soft Skills:** Adaptability, Accountability, Communication

## EXPERIENCE

- Cofount Labs LLP - AI Innovation Partner** Full-time  
*Software Engineer – Backend & AI Systems* *Aug 2023 – Sep 2023*
  - 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.

## PROJECTS

- 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](https://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.
- 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](https://github.com/sidharthpunathil/snippetbox)

## LEADERSHIP

- 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 15+ hackathons, 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

- ScaleHack'24 – Med Hack:** Our team got the track price for Best Use of Innovative Technology. 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.
- Solana Fellow'25:** One of the top 100 Candidates selected for the solana fellowship superdev.fun by superteam.

## VOLUNTEER EXPERIENCE

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