

Nishanth B

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PROJECTS

[NexOps](#) – Deterministic Smart Contract Infrastructure

FastAPI, Python, AST Tooling

- **Founded and built:** An AI-assisted smart contract infrastructure platform using AST-based validation and semantic analysis, supporting 30+ contract patterns.
- **Reliability Infrastructure:** Developed benchmark and validation systems for deterministic contract generation; used by 20+ users and 2 project teams ([Milestara](#) and [Fun\(d\)Tokens](#)) for contract auditing workflows.

[HelmOS](#) – Founder Intelligence Operating System

FastAPI, PostgreSQL, pgvector, LangChain, LangGraph

- **Research & Decision Intelligence:** Built a founder intelligence system that combines web research, long-term memory and AI decision workflows to evaluate companies, opportunities, and strategic decisions.
- **Knowledge & Memory Infrastructure :** Implemented evidence-based research pipelines and semantic memory retrieval using PostgreSQL + pgvector to support strategic decision-making.

ACHIEVEMENTS

- **BCH-1 Hackcelerator Overall Winner:** Built and Launched [NexOps.cash](#) solo and won the \$10,000 grand prize.
- **Web3Conf'25 Prize Winner:** \$800 prize
- **Cardano Hackathon Asia 2025 (IBW Edition) Top 5 Finalist:** Placed among the Top 5 teams in the General Track from 3,500+ registrations and 200+ finalist teams across Asia.

EXPERIENCE

[Clawback Labs](#)

Apr 2026 – Present

Founder

Chennai, India

- **Customer Discovery & Validation:** Conducted interviews with CFOs and finance leaders to understand vendor invoice auditing, contract reconciliation and overcharge recovery workflows across enterprise finance operations.
- **Workflow Research & Analysis:** Mapped end-to-end invoice review processes, identifying recurring pain points in contract compliance verification, billing discrepancy detection and manual audit effort.
- **AI Audit System Design:** Designed an AI-assisted auditing workflow for extracting, reconciling, and validating invoices against contractual terms to surface potential overcharges and compliance issues

[TVS Automobile Solutions \(TVS Motor Group\)](#)

Nov 2025 – Dec 2025 (8 weeks)

Software Development Engineer Intern

Chennai, India

- **Enterprise Ticketing Platform:** Independently designed, built and deployed to GCP a Node.js, Express, and MySQL platform serving 150+ support agents and handling 1,000+ customer queries monthly.
- **Real-Time & Access Control:** Implemented Socket.IO real-time communication and designed RBAC workflows for secure, role-scoped agent operations.
- **AI Integration:** Integrated LLM-powered ticket summarization, sentiment analysis and response recommendation services into production support workflows.

[BrainGlobe](#)

Dec 2025 – Apr 2026

- **Open Source Contributions:** Merged 5 pull requests, collaborating with maintainers through reviews and issue discussions within a large open source codebase.

SKILLS

Python, JavaScript, SQL | LangChain, LangGraph, Multi-Agent Systems, RAG | FastAPI, React, Node.js | Docker, Git, GCP | PostgreSQL, MongoDB

EDUCATION

[Chennai Institute of Technology](#)

Sep 2024 – May 2028

B.Tech, Information Technology