

ROHIT S

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EDUCATION

Bachelor of Engineering - B.E, Computer Science and Engineering, CHENNAI INSTITUTE OF TECHNOLOGY CGPA - 8.3	2024 – 2028
Class 12th VELAMMAL VIDHYASHRAM Percentage - 87%	2023 – 2024

PROFESSIONAL EXPERIENCE

Lysarq Solutions Private Limited, <i>Backend Developer Intern</i> 📄 • Engineered a multi-tenant JWT authentication system, enforcing strict Role-Based Access Control (RBAC) and data isolation across four distinct user tiers. • Designed scalable relational schemas for users, roles, and profiles, cleanly decoupling core identity logic from personal metadata to ensure security.	02/2026 – 05/2026 Coimbatore, India
Cloud Counselage Private Limited, <i>Blockchain Developer Intern</i> 📄 • Developed authentication system using Ethereum smart contracts, Web3.js for decentralized identity verification. • Set up and integrated a private Ethereum network with a web interface using Truffle Suite and Ether.js to support secure, browser-based identity management.	11/2025 – 12/2025 Remote

PROJECTS

RWakins - An AI CFO Agent for Real-World Asset Portfolio Management on Mantle network 📄, TECH STACK: Solidity, Foundry, Wagmi, Groq, RealClaw, Mantle Sepolia, MongoDB • Built an AI-powered on-chain agent on Mantle that rotates between USDY and mETH based on user goals and market data. • Enforced portfolio risk rules in Solidity and added real slippage protection, SIWE auth, and gasless rebalance flows. • Integrated MongoDB to durably persist user wealth policies and maintain an auditable history of the AI agent's decisions.
Arvyon - A ZK-Verified AI Agent Framework for Trustless Policy Enforcement on EVM chains 📄, TECH STACK: LangGraph, Circom, Solidity, Hardhat, Next.js • Developed a ZK-verified autonomous AI agent framework that proves policy compliance before executing on-chain actions. • Designed Transaction Intent Schema, ZK Policy Proof, and Policy Decision Record primitives for verifiable agent governance. • Integrated Circom , Solidity , and Next.js with immutable on-chain decision logs and Graph -based querying.
Colloquia - A RAG-Based English-to-Colloquial Translation engine 📄, TECH STACK: Python, LangChain, Groq, BGE-M3, Qdrant, LoRA, Gemma-2 • The system utilizes RAG to dynamically inject colloquial slang into a Llama-3.3-70B model . • Engineered a FastAPI backend to handle colloquial generation and high throughput bulk translation of large English datasets. • Optimized local DPO + LoRA fine-tuning for low- VRAM GPUs using bfloat16 and gradient checkpointing.
RuPay.G.O - An Android App for handling Offline CBDC payments. 📄, TECH STACK: Kotlin 2.x, ZXing QR, Crypto module (ECDSA signatures), Firebase Services • Built an offline CBDC wallet that enables peer-to-peer digital token transfers without internet using QR-based exchange. • Implemented device-bound encryption, AES-GCM storage, and token deletion logic to prevent tampering and double spending. • Added Firebase reconciliation for syncing pending transfers and validating balances when connectivity returns

SKILLS

Programming Languages: C++, Python, Java, SQL, JavaScript, Go, Kotlin
Artificial Intelligence: TensorFlow, PyTorch, Scikit-Learn, OpenCV, RAG, LangGraph, Ollama, Gemma, OpenClaw
Blockchain Development: Solidity, Hardhat, Foundry, Remix, Ethers.js, Web3.js, ZK proofs, Viem
Android Development: Kotlin, Android Studio, Firebase Auth, Firestore, Jetpack Compose
DevOps and Cloud: Docker, Azure Cloud, AWS Cloud, Git, Github, Linux
Backend and Databases: MySQL, PostgreSQL, MongoDB, SQLite, Node.js, Express.js, Flask

CERTIFICATES

• NPTEL - Introduction to IOT (Secured 81% and Elite+Silver Badge) (2025)	• NPTEL - Data Analytics with Python (75% and Silver Badge) (2026)	• MongoDB Skill - MongoDB Basics (2025)
• CCNA: Introduction to Networks (2026)	• Google Android Developer Virtual Internship (2025)	• AWS IoT Cloud Engineer (2026)
• AWS Cloud Practitioner Essentials		

ACHIEVEMENTS

- Runner-up at Hack36 9.0 - MNNIT Allahabad (2025)
- ICP WCHL '25 Regional Finalist
- Open Source Global Connect(OSCG) '26 Contributor
- Leetcode - 1854 rating (Knight Badge), 600+ problems solved