VINAY MAGGIDI

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EXPERIENCE

Software Engineer

LayerZeroX Tech Labs Pvt. Ltd.

📅 Feb 2024 – Present (1 yr 10 mo)

Tech Stack: Node.js, Express.js, MongoDB, Nginx, Caddy, REST APIs, Swagger, PM2, Mocha, Chai, JavaScript, Solidity, Blockchain

- Designed, built, and maintained scalable backend systems using **Node.js** and **MongoDB**.
- Deployed and managed backend services with **Nginx**, **Caddy**, and **PM2**, enabling reliable process management and load balancing.
- Designed, documented, and tested **RESTful APIs** using **Swagger**, **Mocha**, and **Chai**.
- **OmniFlix Products:** Played a key role in building backend services for **Studio**, **Market**, and **TV** platforms.
  - Enabled interactive video streaming, real-time user engagement, and media node integrations.
  - Built creator tools for managing livestreams, interactive content, and NFTs.
  - Implemented NFT minting and marketplace smart contracts (OEM, MMOEM, Classic Minter).
  - Developed a data indexing layer for NFT metadata, search, and analytics.
- Led backend development for **Flix.fun**, a decentralized streaming platform featuring a Creator Homepage for widgets, content management, and audience engagement.

Training and Placement Student Coordinator

RGUKT Basar

📅 Dec 2023 – Sep 2024 (10 mos)

- Coordinated campus placement drives and organized training sessions to help students prepare for recruitment.
- Acted as a point of contact between students, faculty, and recruiting companies to ensure smooth coordination.

PROJECTS

OmniFlix Products

📅 OmniFlix Studio, Marketplace & TV

- Built and maintained scalable backend services using **Node.js** to support OmniFlix Studio, Marketplace, and TV platforms, enabling media workflows, data APIs, and platform integrations.

StreamSwap

📅 DeFi Infrastructure

- Improved an EVM contract wrapper to sync with The Graph and maintain a Redis-based cache for subgraph queries.

Data Layer Indexing

📅 Blockchain Infrastructure Project

- Built a custom indexer for logs/events from smart contracts enabling structured queries for analytics and metadata.

Infrastructure Monitoring and Automation

📅 DevOps Tooling

- Created an API alert Telegram bot and automated deployment/backup scripts for services.

EDUCATION

B.Tech in Computer Science and Engineering

Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar

📅 Aug 2020 – May 2024   📍 CGPA: 8.98 / 10.00

- 6-Year Integrated Program including Pre-University (PUC) and B.Tech.
- Focused on full-stack development, data structures, and blockchain fundamentals.