

Vishal Pokuri

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EDUCATION

Vellore Institute of Technology, Vellore

2022 — 2026

B.Tech. Computer Science and Engineering (Block Chain Technology)

CGPA-9.15

EXPERIENCE

Software Engineer - Payments

Feb 2026 – Present

Chargebee - Java, Typescript, AWS

Chennai - Onsite

- Delivered **2 production payment gateway integrations** for **Ecentric (Card)** and **NMI (ACH)** across Chargebee's distributed payment platform, contributing to its **backend-for-frontend (BFF)**, Openpay SDKs, hosted checkout, merchant dashboard, and **QA automation** supporting production merchants like **Shoprite, InciteTax, Jami**
- Designed and implemented **Openpay payment plugin Java SDKs** for vault-first tokenization, **3DS authentication**, CIT, MIT, **SOAP integrations**, and complete payment lifecycle management.
- Migrated **Checkout testsuite** from **Selenium to Playwright**, drastically reducing **75% test time from 3.2 minutes per test to 50s**.
- Implemented **Error Intelligence**, mapping **160+ Response scenarios**, improving transaction diagnostics and merchant-facing error reporting for Ecentric Card
- Implemented **Payment Components** for NMI ACH, a **PCI DSS compliant Payment collection JS layer** for custom checkout building experiences.

Software Developer Intern

July 2025 – Jan 2026

InsightAI - Python, Next.js, React, TypeScript

San Francisco - Remote

- Built the complete frontend for an **enterprise private RAG platform**, including the marketing site, admin dash, customer dashboard, Chat page using Next.js and TypeScript.
- Implemented **connectors** like **Google Drive, Jira**, enabling **selective ingestion**, & data management for RAG queries.
- Containerized microservices** for **admin tools** for **RBAC, connectors**, content, and platform configuration.
- Built **CI/CD pipelines** using **GitHub Actions** for automated dashboard deployments and collaborated on API design and schema migrations

Engineering Contributor

Jan 2025 - Feb 2025

Zunno.xyz - Typescript

Remote

- Implemented **WebSocket-based game state synchronization** with **Redis-backed sessions**.
- Refactored Express.js backend into modular services to support scalable real-time multiplayer gameplay
- Improved maintainability and debugging by decoupling networking, game logic, and state layers under concurrent load

PROJECTS

Zerobug | *React.js (Vite), Javascript, TypeScript, AWS EC2, Node.js, Tailwind CSS, WebSockets, CLI*

- Engineered a **CLI tool** that visualizes backend endpoints in realtime using a **node-based infinite canvas** in frontend webclient
- Added TypeScript-like type inference to auto-detect endpoint schemas, cutting down schema lookup time by **40%**.
- Integrated **CLI tool + WebClient bridge** to auto-reflect backend edits live, eliminating repetitive endpoint rewrites.
- Planned flows where previous node responses can be chained as inputs for subsequent nodes with a single button.
- Implemented Postman-like interface to test endpoints directly with dynamic values and responses.

Apple Music Clone | *React.js (Vite), TypeScript, AWS EC2, Node.js, Tailwind CSS, Zustand, PostHog*

- Built a **music player** with YouTube IFrame and Spotify APIs for search, playback, and metadata integration.
- Achieved **11,000+ streams and 400+ unique users** in first week post-organic deployment.
- Migrated to YouTube IFrame API and AWS EC2, slashing **load times by 70%**.

TECHNICAL SKILLS

Languages:	Java, Typescript, JavaScript, HTML, CSS, Rust, SQL(Postgres), NoSQL(MongoDB)
Core Concepts:	DSA, Operating Systems, OOPs Concepts, Computer Networks
Web Development:	React.js, Next.js, Tailwind CSS, Node.js, Express.js
DevOps Tools:	Linux (Ubuntu), Docker, Redis Shell, Git, GitHub (Actions), Jenkins, Postman, Ngrok, Nginx
Cloud Technologies:	AWS (EC2, S3, Lambda, IAM, RDS, Rekognition, CloudFront, ACM, OpenSearch, CloudWatch)

CERTIFICATIONS AND ACHIEVEMENTS

- Volunteer** - Devcon SEA 2024 - Bangkok
- Certified **AWS Solutions Architect - Associate** (Link)
- Nas Solana Blockchain Developer Program - Graduate, received **350\$** Bounty