

JOSHVA PEYYALA

Software Engineer

Amalapuram, India (Open to Remote) | +91 6281168141 | joshvapeyyala@gmail.com | linkedin.com/in/joshva-peyyala | github.com/joshvapeyyala

SUMMARY

Backend-focused Full-Stack Developer with 2.5 years of experience building and shipping production REST APIs and web applications using Node.js, Express, and Next.js. Independently designed, built, and deployed three live products — CareDeck, Xpensefy, and Lineage — end to end, from database schema to production deployment. Currently expanding into AI/RAG-based development.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript

Backend: Node.js, Express.js, REST API Design, OAuth 2.0 / OpenID Connect, JWT, Zod, Request Validation, Sequelize ORM, Prisma ORM

Frontend: React.js, Next.js, Tailwind CSS

Databases: PostgreSQL (Neon), MySQL, Redis (Upstash)

Cloud & DevOps: AWS (EC2, S3, CloudFront, IAM), Vercel (Git-based CI/CD), Docker, Git, GitHub

Tools: Postman, Swagger / OpenAPI

Currently Learning: AI/RAG systems, LLM integration

PROFESSIONAL EXPERIENCE

Tilli Software — Hyderabad, India (On-site)

Software Engineer — Backend

Sep 2024 — Jun 2026

- Designed and built REST APIs and server-side services for enterprise web applications using Node.js and Express.js, following consistent API design and standardized response conventions.
- Owned MySQL database schema design, query optimization, and migrations using Sequelize ORM for production applications.
- Built and integrated backend services powering both internal admin portals and customer-facing applications, including authentication, authorization, and request validation layers.
- Contributed to frontend features using JavaScript (ES6+), React.js, and Next.js alongside backend work.

Software Engineer Intern — Backend

Jan 2024 — Aug 2024

- Built features for enterprise web applications using Node.js, Express.js, and MySQL (via Sequelize ORM), assisting with REST API development and schema design under senior engineer guidance.

PROJECTS

CareDeck — Clinic Management SaaS (Live) | caredeck.in

Solo Developer · Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, AWS (EC2, S3), Docker

- Independently designed and built a full clinic-management platform for homeopathy, dental, and general-medicine practitioners, covering appointments, patient records, and billing workflows.
- Designed the PostgreSQL data model and API layer using Prisma ORM, and built the full frontend in Next.js with TypeScript and Tailwind CSS.
- Deployed and manage the production environment on AWS (EC2, S3) using Docker containers; the product is live and in active use by clinics.

Xpensefy — Personal Expense & Budget Tracker (Live) | xpensefy.vercel.app

Solo Developer · Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM

- Built a mobile-first expense tracker with category-based budgets, monthly pacing insights, and auto-categorization of expenses by merchant name.
- Implemented CSV export, a searchable year-long spending history, and two fully themeable UI skins with persisted user preference.

Lineage — Private Family Tree Platform (Live) | lineage-silk.vercel.app

Solo Developer · Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, Google OAuth

- Designed a relational PostgreSQL schema modeling multi-generation family relationships (marriages, half-siblings, in-memory members), with logic to auto-link spouses and children and compute the relationship between any two people in the tree.
- Built invite-only access via Google OAuth (no passwords), with per-family data export and a Next.js/TypeScript frontend for navigating the tree.

EDUCATION

Master's Degree & Bachelor's Degree — Adikavi Nannaya University, India