

VIGNESH APPAN

Summary

Engineering Manager with **13+** years of experience leading high-performing software engineering teams and delivering complex technical projects from concept to production. Skilled in people leadership, technical strategy, cross-functional collaboration, and driving execution in fast-paced environments while fostering a culture of innovation, accountability, and continuous improvement.

Skills

- **Software Architecture**
- **Microservices Design**
- **Technical Architecture**
- **Team Leadership**
- **Cost Optimization**
- **Mentorship**

Education

- **Bachelor of Engineering** **2012**
Vel Tech High Tech Engineering College,
Chennai

Side Projects

- **Headless CMS Platform**
Built a Headless CMS Platform using Ruby - Jekyll that was used by companies like Instasolv, Gameskraft, Transtutors
- **Kotak UPI 2.0 Hackathon in 2018**
Secured 2nd place in the [hackathon](#)
- **GST/ Tax Filing Application**
Built/ Co-founded Fingage - a business platform that helps freelancers and small online sellers handle invoices, track expenses, and manage GST compliance
- **Learning Platform**
Zelo - AI-enabled learning platform that streamlines employee training, compliance, and course management for organizations
- **Influencer Marketing Platform**
Building an AI Influencer Marketing Platform that bridges the gap between Creators and Brands

Frameworks

Python | **JavaScript** | **PHP** | **Ruby** | **Go**
Django | **FastAPI** | **Express** | **NextJS** | **NestJS** | **Angular** |
React | **Remix** | **Laravel** | **Jekyll** | **Gin**
Postgres | **MySQL** | **MongoDB** | **DynamoDB** | **Redis** | **DB2**
AWS | **GCP**

ENGINEERING MANAGER

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Experience

■ Engineering Manager

MPOWER Financing

2021 - Current

- Spearheaded the design and execution of Loan Management System (LMS), replacing Salesforce, and delivering **75%+ annual cost** savings (from ~\$1M to <\$250K per year) while accelerating feature delivery and reducing vendor dependency.
- Owned the entire microservices-based platform architecture at MPOWER
- Led a **12**-member engineering team, delivering core lending and servicing platforms.
- Built and scaled MPOWER's flagship In-School platform, refining the platform's leading engineering strategy, architecture, and team development from inception through production launch.
- Established governance and operational KPIs, aligning delivery practices with business growth objectives.
- Mentored junior engineers, enhancing skills and promoting professional growth within team.

■ Senior Product Lead

FI911

2019 - 2021

- Designed and implemented product roadmaps prioritising key features and initiatives to align with business goals.
- Developed ArteGO, ExpressResolve using Node and Express for backend and Angular 6 for frontend, enabling merchants, ISOs, processors, and banks to manage transaction reporting, merchant onboarding, and disputes effectively.
- Created Gravystack mobile application using NestJS for API backend, facilitating financial education for kids through engaging gamification.
- Developed Siemba, a pen testing tool leveraging PenGPT AI engine and LLM models, allowing users to receive initial pen test results within minutes through an intuitive UI.

■ Technical Lead

IBM India Pvt Ltd

2017 - 2019

- Led a **10** member team of developers to successfully deliver high-quality software projects on time and within budget constraints.
- Delivered enterprise compliance management application that generates reports and provides analytics for IBM customers' systems. Collaborated with developers to define new requirements, address defects, update high-level design, and prepare low-level design documents.
- Developed compliance bot using IBM Watson to enhance user interaction and streamline information retrieval.
- Created vendor inquiry tool to enable efficient data access for vendors and customers based on user searches.

■ Senior Software Engineer

Ittisa Digital , Blukraft, Vanilla Networks

2013 - 2017

- Between the span of 2013 - 2017 worked with 3 of these companies. Spent my time leading their software development projects, ensuring best practices and coding standards were followed to enhance code quality.
- Developed scalable applications using agile methodologies, contributing to on-time project delivery and team collaboration.
- Developed and implemented new software applications, enhancing company productivity and client satisfaction.