Jayanth Iyer

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Hyderabad, India

Profile

I am a **Results driven experienced Engineering Leader, AI first polygot programmer with expertise in Digital Transformation in Financial Services Industry, leading teams and delivering high-quality software solutions in fast-paced environments.** I have a solid background in Java development and cloud technologies, and I excel in mentoring teams and streamlining processes to enhance productivity. I strive to leverage my technical and leadership skills to drive business value and foster growth in my team.

AI apps Built (Completely built using AI coding Agents)

1. **Fleet Pulse** - Vehicle Management System for vehicle fleet operators - powered by **AI chat-bot, using Llama 3.2 B via Ollama -** built using **Ruby on Rails**

2. **Eval Forge** - AI Evals System - can evaluate and calculate scores for any LLM. Built using **React, Python, FastAPI**

3. **Agentic Browser** - this is an MVP, can find items in Amazon given a prompt. Built using **Python, JavaScript, Playwright.**

All the above mentioned apps are working and can show you a demo.

Hands on Experience in building solutions with AI/LLM technologies.

Fine Tuning LLMs, Learning RAG can be learnt.

Reading - Hussain Hamel on **AI Evals,** A16Z - **AI Cannon** and other AI/ML Literature.

Experience

ENGINEERING MANAGER, COMPUTERSHARE, HYDERABAD – 2024-PRESENT

People manager & Technical Leader for 19 engineers across S/W Engineering, QA, DevOps driving Project delivery, Career Development & Performance Appraisal.

Accomplished scaling the engineering team from 9 members to 19 (present) by collaborating with HR/TA and other Engineers.

Responsibilities include **system design, code reviews, stake holder management, cross team collaboration, hiring, mentoring.**

Rewriting legacy codebase to latest Java-Spring ensuring compliance.

Showcased **migration** of **Angular project** to latest version in less than a week as compared to months using **GitHub CoPilot**.

Evangelised the usage of **GitHub CoPilot** and played a key role in getting GitHub CoPilot for engineers in my LoB of my firm.

Conducted **AI 101 sessions** for everyone including Leadership. I run a **Weekly AI Newsletter** in my firm. Built utility apps for GitHub CoPilot **Metrics and ADO Repo Metrics. Expert in using AI Coding Assistants to build apps**

ENGINEERING MANAGER, PAYTM, REMOTE – 2022-2024

Delivered Business Value to the Co-branded Credit Card Business.

People Manager & Technical Leader for 9 backend engineers, also involved in Performance Appraisal.

Involved in Project Management, Cross Team Collaboration, Stakeholder Management.

Involved in onboarding new Credit Card Vendors.

Was involved in API Design for onboarding new Credit Card Vendors.

Ensured high availability for Credit Card Onboarding module - **99.9%**.

Impact - API Design, clean code, 0 vulnerabilities, high availability.

LEAD SOFTWARE ENGINEER, FRANKLIN TEMPLETON, HYDERABAD – 2021-2022

Technical Lead for 5 backend engineers in the Fiduciary Trust Business.

Accomplished the migration of applications to Azure K8s Service, and took it to Production.

Created corresponding CI/CD pipelines using Bamboo.

99.9% availability of all the applications that were migrated to AKS.

Crafted shell scripts, K8s configs and Java code.

Re-wrote legacy Java apps to latest Java-Spring Boot ensuring compliance.

Impact - Mitigated Tech Debt, migrated apps, introduced Kubernetes with High Availability.Facilitated cross-team collaboration and delivered a new Product - Client Meeting Experience to Alpha stage.

SENIOR ASSOCIATE, JPMC, MUMBAI – 2015-2021

Wrote Software for Securities Lending Division of CIB in JPMC.

Migrated Monolith apps to Microservices, reducing production issues by over 50%. This ensured that all the codebase was compliant with latest technology and reduced Tech Debt 100%.

Mentored and coached a team of 3 engineers.

99.9% availability for all the Java services.

0 Vulnerabilities in the code I wrote.

Impact- Reduced production issues, high availability, 0 vulnerabilities.

SENIOR ASSOCIATE, SS&C TECHNOLOGIES, MUMBAI – 2011-2015

Crafted Software for the Pricing of Securities & Derivatives.

Collaborated with hedge funds & other financial firms for market data integration.

Highly available 99.9% - Java Backend services which read pricing files from Hedge Funds and stored in the databases.

Pricing logic included **Java code integrating with C++ libraries**, provided by Quant Team.

Production Support.

ASSOCIATE CONSULTANT, POLARIS SOFTWARE LABS, MUMBAI – 2007-2011

Software Developer for Cash Management business for Dubai Islamic Bank.

S/W Development along with Production Support.

Accomplished re-writing the existing logic and introduced Multithreading to support processing of multiple files.

Introduced JSP UI for monitoring these multiple process, this gave admin access to those threads which could be Stopped or Killed or started on AD-HOC basis.

Education

NMIMS, Mumbai, India - PGDBM, Business Management - 2012-2014

University of Mumbai, Mumbai, India - BE Computer Engineering - 2003-2007

Skills: Polygot S/W Engineer with Java, Python, React, Ruby on Rails, any AI Coding assistant.
Expert in Vibe Engineering using AI coding assistants Cursor, Antigravity.