

Vijay Anantharamaiah

ENGINEERING LEAD · ENGINEERING MANAGER

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“Excellence is an art won by training and habituation” — Aristotle

Summary

An Engineering Leader with **more than 15 years** of experience in delivering Web, Mobile, and Middleware applications and solutions. I enjoy **working with startups** and have built innovative products with them. With expertise in **scalable distributed** systems, **Microservices**, and **SOA**, I have consulted for many integrations and SOA initiatives in Europe.

Recently, as **Engineering Manager** at **Signzy**, I have built a quality focussed team and driven architecture, best practices, and streamlined delivery processes.

I am also interested in Functional Programming and **Haskell** which led to the creation of LambdaMatters.

Experience

Signzy

ENGINEERING MANAGER

Bengaluru, India

Jun 2019 - Mar 2020

- Bringing focus on engineering quality and practices
- Building a strong team with focus on customer satisfaction
- Set up tools and framework for measuring quality

Local Cabs

ARCHITECT

Bengaluru, India

Mar 2018 - Jan 2019

- Delivered a quick and efficient **dispatch system** in 2 weeks to cater for changing business model
- Built and upgraded core systems as the business model changed
- Established best practices

LambdaMatters

CO-CREATOR

Bengaluru, India

May 2016 - PRESENT

- **HPhone** - A Haskell port of Google's famous libphone library
- **MSync** - An efficient **P2P Sync** framework
- **AutoCombo** - An elegant 'combo finding' algorithm

VoterCircle

TECHNICAL ARCHITECT

Bengaluru, India

Feb. 2015 - May. 2016

- Hired to build the product ground up by this California based startup. I was one of the initial members of the tech team
- Steered the solution starting with conceptualizing an initial POC to taking the product to production
- Engineered core modules like **voter matching algorithm** and **criteria based filtering**
- Designed and built the **extensible reporting** framework

Simpragha Solutions

ARCHITECT, CONSULTANT

Bengaluru, India

Feb. 2013 - Jan. 2015

- Called in to tackle a unique set of challenges that their client (**MI Airline**) was facing with their flagship product
- Delivered a **fault-tolerant** and robust solution that allowed the apps to sync data with each other without a rendezvous server – **P2P Sync** over Wifi/Bluetooth
- The solution was **first of its kind** and was mentioned by Couchbase at the **Mobile Open Source Conference(OSCON)**

Earlier Experiences

VARIOUS ROLES WITH MULTIPLE ORGANIZATIONS

UK, Ireland, India

Aug. 2005 - Nov. 2012

- **Consultant** - SOA and BPM Practice @KBACE Technologies (Bengaluru, India)
- **SOA Solution Designer** @ O2 (Dublin, Ireland)
- **Operations Lead** @ EverythingEverywhere (Bristol, UK)
- **Service Designer** - SOA @ O2 (Slough, UK)
- **Mentor** - SOA CoE @ Torry Harris Business Solutions (Bengaluru, India)
- **Senior Software Engineer** @ Torry Harris Business Solutions (Bengaluru, India)

Tech Talks

Have you GADT?

Bengaluru, India

FUNCTIONAL CONF 2019

Nov. 2019

- Introduce GADTs and explore their role in ensuring program correctness and show how they eliminate the need for runtime checks

AI Based Technologies for Authentication

Hyderabad, India

INSTITUTE OF DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY (IDRBT)

Nov. 2019

- We discuss the limitations of existing methods and examine how to leverage AI to authenticate customers in the digital/online age

(Why?) Should You Know Category Theory

Bengaluru, India

FUNCTIONAL CONF 2018

Dec. 2018

- Explore the link between the abstract mathematical field of Category Theory and the concrete world of real-world Programming

FP 101

Bengaluru, India

BHIVE TECH TALK

Jun. 2016

- Introduction to Functional Programming and Haskell