

# 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

### LambdaMatters

CO-CREATOR

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

Bengaluru, India

May 2016 - PRESENT

### Signzy

ENGINEERING MANAGER

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

Bengaluru, India

Jun 2019 - Mar 2020

### Local Cabs

ARCHITECT

- 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

Bengaluru, India

Mar 2018 - Jan 2019

### VoterCircle

TECHNICAL ARCHITECT

- 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

Bengaluru, India

Feb. 2015 - May. 2016

### Simprigma Solutions

ARCHITECT, CONSULTANT

- 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)*

Bengaluru, India

Feb. 2013 - Jan. 2015

### KBACE Technologies

CONSULTANT - SOA AND BPM PRACTICE

- Set up offshore SOA CoE team and mentored new members
- Led team to plan, design, and implement services and applications

Bengaluru, India

Feb. 2012 - Nov. 2012

### Torry Harris Business Solutions

VARIOUS ROLES

- *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)

UK, Ireland, India

Aug. 2005 - Nov. 2012

# Tech Talks

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## Have you GADT?

FUNCTIONAL CONF 2019

*Bengaluru, India*

*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

INSTITUTE OF DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY (IDRBT)

*Hyderabad, India*

*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

FUNCTIONAL CONF 2018

*Bengaluru, India*

*Dec. 2018*

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

## FP 101

BHIVE TECH TALK

*Bengaluru, India*

*Jun. 2016*

- Introduction to Functional Programming and Haskell