Vignesh T.V.

Entrepreneur, Developer & Architect
http://www.tvvignesh.com

Willing to strive for transforming the world
to what it can be to the best of my abilities.

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Open to Relocation

Medium Blog
https://medium.com/@tvvignesh

Github Profile
https://github.com/tvvignesh

LinkedIn Profile
https://www.linkedin.com/in/tvvignesh

Stack Overflow Profile
https://stackoverflow.com/users/story/988268

Facebook Profile
https://www.facebook.com/tvvignesh

Twitter Profile
https://twitter.com/techahoy

Certifications

Microsoft Certified Professional

License 9762913 (Feb 2013 – Present)
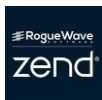
Zend Certified Engineer

License 255018904 (Mar 2013 – Present)

IIT NPTEL Certification – Modern Application Developer

License NPTEL16CS2316170255 (Nov 2016 – Present)

Education

MTech. In Software Systems (Work Integrated Learning Programme)
Work integrated learning from BITS PILANI, Graduating 2019

B.E. In Electrical & Electronics
Did my Bachelors in Electrical & Electronics from Manipal Institute Of Technology,
Batch of 2010

Work Experience

System Analyst, Next Generation Technology (R&D) - Ramco Systems

April 2018 - Present

Leading the R&D team as part of the Ramco Corporate Technology division where we work on modernizing various aspects of the product and its infrastructure.

I am responsible for developing strategies to adopt new technologies within the organization to solve challenging problems and explore new opportunities to better the market and bring the overall cost of the organization down.

Also started the practice of holding Meetups @ Ramco (a.k.a Ramco Nuthouse). You can find the website for the same here: https://thenuthouse.github.io

Analyst Programmer, Next Generation Technology (R&D) - Ramco Systems

November 2017 – April 2018

Before becoming a System Analyst, I was an Analyst Programmer at Ramco.

My responsibilities remained almost the same, where I had to do R&D to solve problems which are posed to us by the respective product teams and come up with strategies to productionize the same.

Analyst Programmer, HCM LABS - Ramco Systems

May 2016 – November 2017

Before moving to the corporate R&D department, I worked in HCM LABS, an SBU level R&D department where I was responsible for end to end development of an employee engagement product called empsense.

Worked on the web app, mobile app, chat bot and was also involved in integrations with other products including Microsoft Teams.

Intern – Krios Technologies

Jan 2013 – April 2013

Was involved in making the website and mobile app based on knowledge management solutions for the company.

Founder – Tech Ahoy

May 2011

Worked on my startup during my college days (initially started as a service based startup, later became product based), where we worked on small projects like making college websites, doing search engine optimization, and offering training to college students on latest tech but later came up with our own product, a social networking application called Friendbus (now shutdown due to various reasons and made open source for the public to use).

Projects & Portfolio

Ramco Monitoring

https://alpha.ramco.com/monitor

Made a monitoring & alerting system for the infrastructure at Ramco as a service to monitor data sources, system load, index load, notification failures, etc. using Prometheus & Grafana

Ramco Anywhere

https://alpha.ramco.com/search.html

Made a tagging and search infrastructure using Node.js and Elasticsearch and allowed query through UI, SMS and E-mail to get the relevant info when searched for tags.
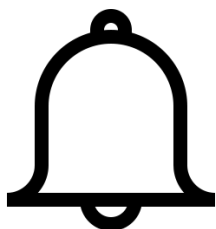
Ramco Notification Service

Made a full fledged notification service which is capable of notifying systems via multiple channels – Email, SMS, Call, Push, Websocket, Webhook, etc. all through a standard API interface
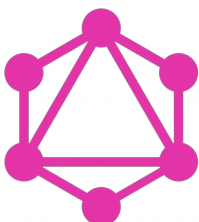
Ramco GraphQL server

Made a GraphQL development platform based on Apollo GraphQL Server and wrote the boilerplate for projects to use including sample resolver functions, migrations, schema, etc. and connected to multiple data sources. Dataloader was also implemented to speed up querying.
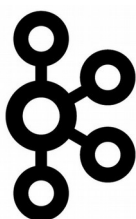
Ramco Event Queue Platform

Made an event queue platform for Ramco using Apache Kafka where we worked on making API which applications can use to push events to queue, and a router which can pull events from Kafka and push events to applications, Stored Procedure executer, and also worked on clustering nodes in the system.

### IVR Systems

https://alpha.ramco.com/

Worked on an IVR implementation for various verticals in the organization where the caller interacts with the system through either voice or keypad in their phones to get data from the relevant database realtime. For speech, the text is extracted with twilio, sent to wit.ai for Natural language processing, intent is extracted and used to respond appropriately.

Microsoft Flow

Worked on connecting Ramco to Microsoft Dynamics 365 where data is pushed to and pulled from Microsoft Common Data Service via Microsoft Flow.
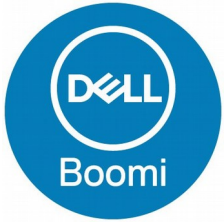
Ramco-Workday integration via Dell Boomi

Worked on connecting Ramco to Workday by designing flows using the connector published in Dell Boomi.

Empsense Web App

https://empsense.ramco.com

Made the web app for empsense, an employee engagement solution using HTML, CSS, Javascript (AngularJS & JQuery), NodeJS, MongoDB and Material Design using Angular Material.

Empsense Mobile App

Android: https://play.google.com/store/apps/details?id=com.ramco.hcm.empsense

IOS: https://itunes.apple.com/us/app/empsense/id1127694619

Made the hybrid mobile app for empsense using IONIC Framework 1.x and made it work on Android & IOS

JLT Bot

https://bots.ramco.com

It was a chatbot meant to be a personal assistant for people at work. I worked on integrating the bot with Evernote and was also responsible for restructuring the project structure to suit rapid development. After I moved away from this project, major changes were made by the other teams and the tech stack was changed from NodeJS to C#

Friendbus

https://github.com/tvvignesh/friendbus

Worked on my startup (a social networking website named Friendbus) aimed at solving all the problems which Facebook had along with providing some interesting features for people to use. Project was made in PHP, MySQL, HTML, CSS, Javascript (JQuery), Bootstrap. Shutdown due to various reasons. Project made opensource and code available at github.

Apart from this, I also worked on converting SOAP to REST and vice versa, In-memory caching systems, etc. The details and source code for some of the projects I worked on are made available in github where possible and more info is available on demand.

Technical Skills & Expertise

HTML – Professional	**JQuery –** Professional
CSS – Professional	**GIT –** Professional
Javascript – Professional	**IONIC 1 / Cordova –** Professional
Node.js – Professional	*C++* **–** Average
MongoDB – Professional	**Linux –** Average
AngularJS – Professional	**IOT –** Average
BOOTSTRAP – Professional	**BOTS –** Professional
PHP – Average	**Jenkins –** Beginner
MySQL - Average	**OPS –** Average
Elasticsearch – Average	**Kibana -** Average
Docker – Average	**REST -** Professional
Prometheus – Beginner	**GraphQL –** Professional
Kafka – Average	**Grafana -** Average

Management Skills

Currently in a lead function, working on end to end product development lifecycle, well aware of how a product takes its shape and putting various thinking hats during the process and test and provide feedback as a user, developer, designer and a product manager.

Due to my continued involvement in organizing workshops, training sessions and meetups, I hold myself capable of good oratory skills to get the right information to the right person at the right time in the right way.

Languages

English – Proficient

Hindi – Speak, Read

Tamil – Speak, Read

Malayalam - Understand

Other personal Info

Gender: Male

Race: Asian

Relationship Status: Single

Disability: None