Vignesh T.V.

Entrepreneur, Developer & Architect
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Ⓜ Medium Blog
https://medium.com/@tvvignesh

Ⓖ GitHub Profile
https://github.com/tvvignesh

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

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

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

Twitter Profile
https://twitter.com/techahoy

Work Experience

Founder, CEO & CTO - Timecampus

August 2019 - Present

https://timecampus.com/

Observe, Analyze & Optimize Time

External Consultant - Ramco Systems

Nov 2019 - Present

Consulting for Ramco on a Part-time basis to help them achieve organizational goals like Digital Transformation within the organization.

Senior System Analyst, Next Generation Technology - Ramco Systems

May 2019 - Oct 2019

Onboarded and lead a team of 17 in Ramco's R&D division with my responsibility lying across **Machine Learning, Microservices & DevOps.**

System Analyst, Next Generation Technology - Ramco Systems

May 2018 - May 2019

Leading an amazing team as a part of the Ramco Corporate Technology R&D division. I work on modernizing various aspects of the product and its infrastructure where I am responsible for all initiatives in 3 domains namely **Machine Learning, Microservices & DevOps**.

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 - Ramco Systems

November 2017 – April 2018

Before becoming a System Analyst, I was an Analyst Programmer at Ramco where 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.
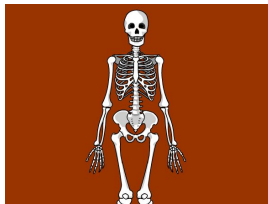
Founder – Tech Ahoy

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).
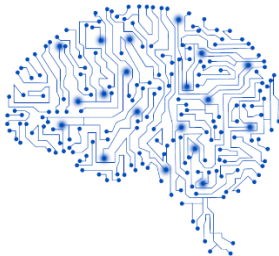
Projects & Portfolio

Node Skeleton

Made a boilerplate for Node.js based microservices with technologies like Typescript, Docker, Kubernetes, PM2, Eslint, Prettier, VSCode config, Winston, Typedoc, Nodemon, AVA, PromClient, JWT, Editorconfig, OpenAPI/Swagger, Jaeger/Open Tracing, etc. and made it open source.
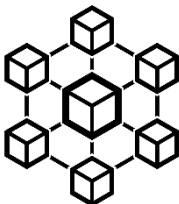
Available at https://github.com/tvvignesh/node-skeleton/

Ramco's ML Platform

Worked with my team on developing a Machine Learning Platform for Ramco to enable business teams to create new use cases based on ML without knowing any of the technical details.
Also worked on developing a toolkit for data scientists to enable rapid development of Machine Learning models.
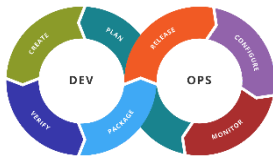
In addition to this, I had also worked with my team on developing some Machine Learning Models like Isolation Forest, Random Forest, Recommendation, Regression, etc.

Ramco's Microservices Platform

Worked with my team on developing a platform to enable the development of new modules as Microservices with various components like Containerization, Logging, Monitoring, Caching, CI/CD, Testing, Event Queues, Networking, etc.

Ramco's DevOps Platform

Worked with my team on getting DevOps practices setup both for my team internally as well as for Logistics business units using GIT, Jenkins & Node.js to enable automation in deployment, tracking, communication and approval across various stages in the pipeline.

Ramco IVR

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 real-time. For speech, the text is extracted with Twilio, sent to wit.ai for Natural language processing, intent is extracted and used to respond appropriately.

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.

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 (Now Chia)

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 enabling GraphQL for Ramco, 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.

Education

	MTech. In Software Systems (Work Integrated Learning Programme) Pursuing it online, 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

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)

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**	Average
MySQL	Average		**OPS**	Average
Elasticsearch	Professional		**Python**	Average
Docker	Professional		**GraphQL**	Professional
Prometheus	Average		**Grafana**	Average
Jaeger	Average		**Kibana**	Average
Material Design	Beginner		**Kafka**	Average
Kubernetes	Beginner		**FluentD**	Average
Nginx	Professional		**WSO2 APIM**	Average

Languages & Other Personal Info

English:	Proficient
Hindi:	Speak, Read
Tamil:	Speak, Read
Malayalam:	Understand
Gender:	Male
Race:	Asian
Relationship Status:	Single
Disability:	None