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Medium Blog

<https://medium.com/@tvvignesh>



LinkedIn Profile

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Facebook Profile

<https://www.facebook.com/tvvignesh>



GitHub Profile

<https://github.com/tvvignesh>



Stack Overflow Profile

<https://stackoverflow.com/users/story/988268>



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 - Mar 2020

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

ramco

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.

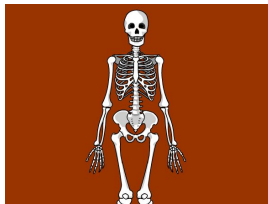


Founder – Tech Ahoy

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).

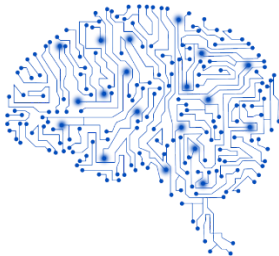
Projects & Portfolio



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/>

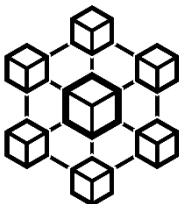


Ramco's ML Platform

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.

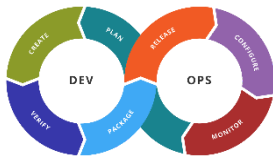
In addition to this, I had also worked with my team on developing some Machine Learning Models like Isolation Forest, Random Forest, Recommendation, Regression, etc.



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, Tools & Tech

HTML	JQuery	Google Cloud Platform
CSS	GIT	Kubernetes / Kind / GKE
Javascript	IONIC / Capacitor / Cordova	Helm
Node.js	C++	Web Components / Lit-Elements / Lit-HTML
MongoDB	Linux	Terraform
AngularJS (1.x)	IOT	Harbor
Bootstrap	BOTS	Gitlab CI
PHP	Jenkins	MS Botframework / Wit.ai / Dialog Flow
MySQL	OPS	Zero-Trust Security / Beyondcorp
Elasticsearch	Python	SOPS / KMS
Docker / Podman / Buildah	GraphQL / Apollo Server, Client, Federation, Gateway, Studio	Vagrant
Prometheus	Grafana	Linkerd
Jaeger	Kibana	Scaffold / Telepresence / Tilt / Cloud Code
Material Design	Kafka	Twilio
Electron	FluentD / Loki	Ambassador
Nginx	WSO2 APIM	Rollup
Prisma	Istio	Rook / Ceph CSI
Verdaccio	Velero	Fastify
DGraph	NATS	Open Policy Agent
Open Telemetry	Progressive Web Apps	NPM / YARN / PNPM
GraphQL Mesh	GraphQL Tools	GraphQL Modules
GraphQL Inspector	GraphQL Codegen	GraphQL Config
ESLint - GraphQL, Typescript, JS	Hootsuite / Canva / Renderforest	Google Workspace
Figma	Miro / Notion	VSCode / VSCode Remote
Postman / Insomnia / REST Client	Open Broadcaster Software / Restream / CastR	Zero Trust Security (Bastion, IAP, Networking, Firewalls, DNS, IAM, XSS, Injection, Sniffing, JWT, BCrypt, OAuth2, etc.)

Languages & Other Personal Info

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