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<https://www.tvvignesh.com>

Entrepreneur | Developer | Architect | Product Manager | Blogger | Consultant | Freelancer | Speaker



Medium Blog

<https://tvvignesh.medium.com>



LinkedIn Profile

<https://www.linkedin.com/in/tvvignesh>



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 - Algoshred Technologies Pvt. Ltd.

November 2022 - Present

<https://algoshred.com/>

We are technology experts who believe that technology should be a tool to solve your problem, not the problem by itself. We can help translate your vision into real digital products or help you maintain or build on products you already have as part of your ecosystem essentially solving business problems with technology.

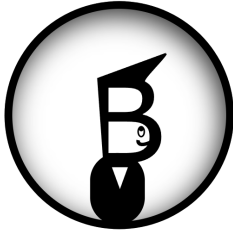


Founder - Headshot Marketing Pvt. Ltd.

<https://headshotmarketing.com/>

October 2022 - Present

We are marketing experts who specialize in connecting the dots between supply and demand. We can help communicate the vision of your business, build its brand, and find the right audience from the right place at the right time



Founder - BurdenOff Consultancy Services Pvt. Ltd.

February 2022 - Present

<http://burdenoff.com/>

We are a holding company acting as a headwater to some of the amazing businesses of today. We aim to create a revolution to empower every life through continuous innovation, delivery, and feedback



Co-Founder & Chief Technology Officer - Convint.ai

October 2021 - Present

<https://convint.ai/>

Building chatbot and voice assistant experiences of the future



Freelance Product Consultant - Sokowatch

March 2022 - Apr 2022

<https://wasoko.com/>

Helping Wasoko, a South African logistics company with Supply chain integration



Freelance Product Consultant - Shipper

December 2021 - May 2022

<https://shipper.id/>

Helped setup Shipper for B2B/B2C procurement operations using Shopify (Orderthemnow) and Magento Ecommerce. Setup their store by working on the Shopify theme and relevant integrations like payment, language translation, shipping, bulk uploads, order tracking, product collections, search, etc. thereby setting up the end-end lifecycle



Freelance Full Stack Development - Ramco Cements

March 2021 - October 2021

<http://ramcocements.in/>

Working on building a headless CMS backed website for Ramco Cements based on Strapi, React, Postgres, TailwindCSS, GraphQL among other

things



Freelance Open Sourcerer - The Guild

January 2021 - February 2022

<https://the-guild.dev>

Worked as a freelance open sourcerer at The Guild Software contributing across The Guild Stack (<https://the-guild.dev>) on the GraphQL ecosystem and also worked with its Clients (Outreach) helping them optimize their GraphQL layer

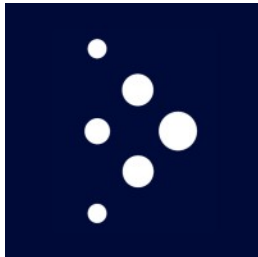


Founder - Timecampus

August 2019 - Present

<https://timecampus.com/>

We are the Timekeepers who can help people and businesses to Observe, Analyse & Optimise the time they spend in order to improve their overall time management and productivity.



Product Consultant (Contractor) - Branded

February 2021 - August 2021

<https://joinbranded.com/>

Worked as a freelance product consultant with Branded on different projects. Some of the projects I worked on include

- Research, Analysis, and onboarding with a DAM (Digital Asset Management) solution like Brandfolder for managing the assets
- Research, Analysis, and onboarding with a Listing Tool like Sellbrite to manage our listings and product information across e-commerce channels
- Working with Multichannel Inventory, 3PL & Supply chain tools and solutions like Skubana, Cartrover, Shippedge, etc. and coordinating with the different teams on Netsuite and Celigo related integrations
- Getting the team onboard a support and contact center solution like Zendesk Suite, connecting it with e-commerce channels using ChannelReply, etc.

- Research and analysis of Influencer Management tools like CreatorIQ, Mavrck, Upfluence, etc. for helping the team build an influencer marketing strategy for e-commerce channels
- Helping the team manage their processes better with tools like ClickUp
- Research and Analysis of scraping tools like Octoparse, Parsehub, etc.
- Working on mockups in relation to building Brand Analytics tools for managing all analytics and visibility internally
- Help the team evaluate tools like Retool for managing the applications internally
- Research and analysis of PIM solutions like Saleslayer to manage product information



External Consultant - Ramco Systems

Nov 2019 - Mar 2020

<https://www.ramco.com/>

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 led 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 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, chatbot and was also involved in integrations with other products including Microsoft Teams.

Intern – Krios Technologies

Jan 2013 – April 2013

<http://kriostechnologies.com/>

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



Founder – Tech Ahoy

May 2011

<https://www.facebook.com/groups/techahoy>

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



Convint.ai

Serving as the CTO. Built a chatbot, web app, backend, devops pipelines and infra behind the scenes. Also building and leading a solid engineering team behind the scenes

Available at <https://convint.ai/>



Ramco Cements Website

Built the official website for Ramco Cements end-end using React.js, Node.js, Strapi, GraphQL, Tailwind, Postgres, etc. based on the requirements provided to me

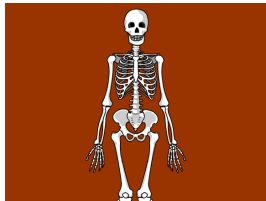
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Orderthemnow

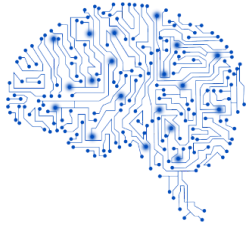
While currently not in service due to business reasons, built an end-end e-commerce app using Shopify and the various plugins which come with and launched it to the market for Shipper, an Indonesian based logistics company and helped build their end-end operations including building the payment gateway integrations, supply chain, delivery operations, store, etc. Also helped them in their Magento e-commerce implementations as a product consultant.

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/>

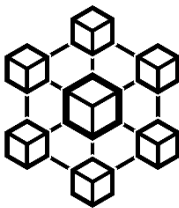


Ramco's ML Platform

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.

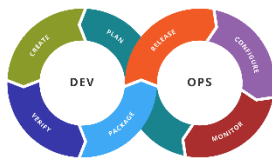
Also worked on developing a toolkit for data scientists to enable rapid development of Machine Learning models.

In addition to this, I 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 set up 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 in 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 queries 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

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)

Did my master in Software Systems from BITS Pilani under WILP program - Batch of 2017



B.E. In Electrical & Electronics

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

Certifications



Certified Scrum Product Owner (CSPO) from Scrum Alliance

License 001235833 (Aug 2021 – Aug 2023)



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
ArangoDB	IOT	Harbor
Bootstrap	BOTS	Gitlab CI / Github Actions
PHP	Jenkins	MS Botframework / Wit.ai
MySQL	OPS	React
Strapi	TailwindCSS	Typescript
Elasticsearch	Python	SOPS / KMS
Docker / Podman / Buildah	GraphQL / Apollo Server, Client, Federation, Gateway, Studio	Vagrant
Prometheus	Grafana	Linkerd
Jaeger	Kibana	Skaffold / 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	Hootsuite / Canva / Renderforest	Google Workspace
Figma	Miro / Notion / Clickup / Slite	VSCode / VSCode Remote
Postman / Insomnia / REST Client	Open Broadcaster Software / Restream / Cast	Zero Trust Security (Bastion, IAP, Networking, Firewalls, DNS, IAM, XSS, Injection, Sniffing, JWT, BCrypt, OAuth2, etc.)

Other Interests

Blogging, Playing Badminton, Working out, Travelling around, Swimming, Live Streaming, etc.

Languages & Other Personal Info

English:	Proficient	Race:	Asian
Hindi:	Speak, Read	Relationship Status:	Married
Tamil:	Speak, Read	Disability:	None
Malayalam:	Basic Knowledge	Gender:	Male