

# HARI VIGNESH NAGARAJAN

B.E. CSE, Institute of Road and Transport Technology - 2017 (Anna University).

**Summary:** Results-driven Full Stack Developer with almost **6 years** of hands-on experience in the field. Recognized for specialization in **Front-End** Development with a focus on **Angular** framework. Possessing a solid foundation in **DevOps** practices, enabling seamless release and deployment of UI Services on cloud platforms.

## **Products Worked On:**

### **GFM - Tendercuts, Happychops (2021 - Current)**

**Module Description:** Specialized e-commerce platform offering premium meat products for customers.

**Role:** UI Developer and Creating intuitive user interfaces for mobile apps and websites.

#### **Highlights / Key Responsibilities:**

- Effectively integrated event tracking and push notification functionalities into an **Ionic** mobile app using MoEngage and Firebase Cloud Messaging.
- Coordinated the release process for the mobile site and website, encompassing multiple pull request changes.
- Efficiently delivered a track order site using Ionic Angular, hosted on Firebase, within tight timelines.
- Played a pivotal role in developing critical features for Tendercuts and Happychops products across mobile and browser platforms, using **Angular, Ionic, Redux, RxJS**.
- Implemented automated build and deployment of Ionic Android APKs using **Jenkins**, with seamless integration to push the builds to an S3 bucket.
- Integrated MapMyIndia as a replacement for Google Maps for address selection in mobile and web applications for cost cutting.
- Effectively managed browser back button functionality for modals and popups by manipulating browser history.
- Proficiently collaborated with UX engineers to accurately replicate Figma UI designs.
- Implemented server-side rendering for Angular mobile and websites, and automated the **Docker** build through Jenkins pipeline script.
- Configured the QA environment for Angular mobile and website using nginx, and seamlessly implemented it in ECS with ALB routing.
- Collaborated in Django during critical periods and developed and exposed server-side APIs.

### **Appranix - Application Resilience Service (2019 - 2021)**

**Module Description:** The modules will give resilience to your entire application and environment.

**Role:** UI Developer and handling multiple UI microservices and their releases in CI/CD.

#### **Highlights / Key Responsibilities:**

- Implemented the Icon store with sprite SVG using **Grunt JS**.
- Implemented and Automated the UI assets management in the **Cloud CDN** (GCP) using **NodeJS** as a separate service.
- Developed key UI pages like Timeline Summary, Protection, and Recovery pages with logs and Assembly create wizard.
- Developed the **Dashboard Page** with the C3 and D3 Chart Libraries.
- Upgraded the entire product from Angular 7 to Angular 11.
- Implemented the dynamic form will render based on the field metadata.
- Sole developer of many UI microservices.

### **Appranix - Application Delivery Service (2017 - 2020)**

**Module Description:** The module will build the infrastructure for your application and will maintain and monitor your application.

**Role:** Full stack Developer and owning the whole UI service

#### **Highlights / Key Responsibilities:**

- Improved workflow for configuration and operations
- Hermetic build support for Angular and Rails modules, ensuring the versions are locked down
- Rolling update for user interface without breaking the old and new user interfaces using CDN for assets
- Improved various user interface workflow over 2 years for the service, ensuring the operation is simple for the user
- Implemented the YAML editor with JQuery by manipulating the DOM.
- Being part of the automation team (Chef) for a short time and delivering customer-critical automation code.

## **Contact Details**

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## **Front-End**

- Angular
- Ionic (Cordova)
- Javascript
- Typescript
- HTML
- SCSS, CSS
- JQuery
- Redux
- RxJS
- Middleman
- GitBook

## **DevOps**

- Docker
- Jenkins
- Shell
- AWS(ECS, CDN, EC2...)
- GIT
- Linux

## **Back-End**

- Ruby On Rails
- NodeJS
- PostgreSQL

## **HappyChops, Tendercuts Services**

- Android mobile App
- Website
- Mobile site
- Track Order Application

## **Appranix Microservices**

- Website
- Documentation
- Catalog UI
- App Delivery Service UI
- App Resilience UI
- Admin and User UI
- Container Resilience UI

## **Current Position:**

**Senior Software Engineer**