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## Technical Expertise

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**Programming Languages:** Ruby, Node.js, Python, PHP

**Markups:** XHTML / Html5, CSS2 / CSS3

**Frameworks:** Ruby on Rails(Ruby), Compass / Blueprint (CSS), JQuery(Javascript), Phonegap(Mobile), Backbone(Javascript), Angular.js / React (Javascript) / Computer Vision ( Amazon Rekognition & Azure Cognitive Service)

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## Professional Experience

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**Co Founder & CEO -**  
**thirai.io**

**Dec 2018 - Present**

**1. Advertising Platform (<https://www.thirai.io/>)**

Played a role on Ideation, Develop, Implemenation of offline programatic adverting platform.

Technology used,

- React / Redux
- Ruby on Rails
- Google map based geo search.
- Hosted on Nginx, with Postgresql.

**2. Content Management Box (<https://www.thirai.io/>)**

Played a role on Development & Implemenation of hardware to manage content on LED / Thirai Smart Screen.

Technology used,

- PyQt with Python 3.6
- Api integration with Adverting platform

**3. Computer Vision & Data management platform for Thirai.io (<https://www.thirai.io/>)**

Played a role on Architecture, Development of AI based data management engine.

Technology used,

- Python 3.7 with Tensorflow & YOLO V3
- Integation with Amazon Rekognition services
- Integation with Azure Cognitive Services
- Build as distributed edge environment which sync with cloud based data lakes
- Handled data with DynamoDB & MongoDB.

**Product Head - fibre2fashion.com**

**Oct 2017 - Nov 2018**

**1. ECAAS (E-Commerce As A Service) (<https://www.fibre2fashion.com/fashion-accelerator/>)**

Played a role on Ideation, Develop, Implemenation and scale of online marketing platform for fashion industry.

Technology used,

- Ruby on Rails
- Integration with Amazon, Flipkart, Jabbong
- Google map based geo search.
- Hosted on Nginx, with Mysql.

**Independent**  
**Consultant**

**Nov 2016 - Oct 2017**

**1. Explore Life Travelling (<https://www.explorelifetraveling.com/>)**

Played a role on Design, Develop & Implemenation online property booking platform.

Technology used,

- React, Redux
- Python, Django based Restful api
- Google map based geo search.

**2. Sleekr (<https://sleekr.co/>)**

Worked on improving code quality, building and enhancing existing features.

Technology used,

- Angular 2, RxJS
- Php, Laravel based Restful api

- Hosted on Nginx, with Mysql.

**Senior Product Engineer -  
Scripbox.com**

**Feb 2016 - Nov 2016**

**1. Milkyway (<http://www.scripbox.com/>)**

Handled technology around backoffice and order processing includes support, order generation & document collection.

Technology used,

- Rails 3 with Ruby 2.0.0 hosted on Unicorn + Nginx, with Mysql.
- Elasticsearch for full text Search.
- JQuery as needed.
- Integrated Google + Login.
- Redis & Sidekiq for delayed jobs

**2. Delivery Tracking Mobile App**

Build HTML5 based mobile application for tracking and processing document collection realtime.

Technology used,

- IonicFramework + Angular.js framework
- Http based restful api
- JQuery and JQuery UI for ajax.
- Builds on top of cordova.
- Google map based geo search.
- Firebase for realtime data sync.

**Founder & CEO - Eatwithus Technologies Pvt. Ltd.**

**Sep 2013 - Feb 2016**

**1. Eatwithus (<http://www.eatwithus.in/>)**

Played several role including Design, Develop & Implementation of online food ordering system for 2 major cities in India.

Technology used,

- Angular.js + Rails 4 with Ruby 2.0.0 hosted on Unicorn + Nginx, with MongoDB.
- Tire for full text Search.
- JQuery as needed.
- Integrated Facebook, Google + Login.
- Google map based geo search.
- Secure Payment Gateway integration with CCAvenue and ActiveMerchant

**2. Managewithus (<http://www.managewithus.in/>)**

Played several role including Design, Develop & Implementation of end to end restaurant management & branding system.

Technology used,

- Rails 4 with Ruby 2.0.0 hosted on Unicorn + Nginx, with MongoDB.
- Http based restful api
- JQuery and JQuery UI for ajax.
- Redis & Resque for delayed Job
- Google map based geo search.
- Socket.io for pubsub service.
- Secure Payment Gateway integration with CCAvenue and ActiveMerchant

**Developer / Business Execution - Coducer Technologies**

**Jan 2013 - Feb 2016**

**1. BMTC - Mobile App**

Building Mobile application for BMTC commuters

Technology used,

- Rails 4 with Ruby 2.1.1 hosted on Unicorn + Nginx, with Mysql.
- Http based restful api.
- Native Android / IOS / Windows Applications.
- Integrated with BMTC Website (<http://www.mybmtc.com>)

**2. Platerate (<http://www.statisticallydifferent.com/>)**

Analysed, architected and Develop, tablet based restaurant rating and analytical engine.

Technology used,

- Rails 4 with Ruby 2.1.0 hosted on Unicorn + Nginx, with Mysql.
- Http based restful api.
- Phonegap + JQuery Mobile to build tablet application for Android & Ipad.

- Graphical analytics + charts using Google Chart Api.

### 3. **Bestfrent (<http://alpha.bestfrent.com/>)**

Analysed, architected and Develop, an online property search engine for specific geographic location.

Technology used,

- Angular + Rails 4 with Ruby 2.1.0 hosted on Unicorn + Nginx, with Mysql.
- Tire for full text Search.
- JQuery plugins as needed.
- Google Maps integration for geo graphic saerch

### 4. **Carpeta (<http://www.carpeta.us/>)**

Analysed and Develop, Application for social network for closed environment.

Technology used,

- Rails 3 with Ruby 2.0.0 hosted on Unicorn + Nginx, with Mysql.
- Tire for full text Search.
- JQuery and JQuery UI for ajax.
- Integrated Facebook Application

## Application Developer - Activesphere Technologies

Sep 2011 - Dec 2012

### 1. **Bountyme (<http://www.bountyme.com/>)**

Designed and Develop, Application for social job recrutement portal.

Technology used,

- Rails 3 with Ruby 1.9.3 hosted on Unicorn + Nginx, with Mysql.
- Tire for full text Search.
- JQuery and JQuery UI for ajax.
- Integrated Facebook, Twitter and Linkedin Api's.
- Implemented OAuth support to authenticate at other applications.

### 2. **JustbooksCLC (<http://www.justbooksclc.com/>)**

Designed and Develop, Application for online book store management system, for reviewing, ordering and renting books online.

Technology used,

- Rails 3 with Ruby 1.9.2 hosted on Passanger + Nginx, with Oracle XE.
- Solr for full text Search.
- JQuery and JQuery UI for ajax.
- ActiveResource for handling web services.
- Integrated Facebook, Twitter and Google Maps Api's.
- Secure Payment Gateway integration with CCAvenue and ActiveMerchant

### 3. **Brandscope**

Designed and Develop, Merchandise website to bring supplier and retailer together.

Technology used,

- Rails 3.1 with Ruby 1.9.2 hosted on Unicorn + Nginx, with Mongoddb.
- CSS3 + Compass and Blueprint for styling.
- JQuery and JQuery UI for ajax.

## Associate Developer - Artha42 Innovations Pvt Ltd

Aug 2010 - Sep 2011

### 1. **PHR Health Connect (<https://www.apolloprism.com/>, <https://dell.phrhealthconnect.com/>)**

Designed and Developed, a web based application, which creates and interconnects parients and doctors among different zone to communicate securely.

Technology used,

- Sinatra with Ruby 1.9.2 hosted on Unicorn / Thin + Nginx, with Mongoddb(Replicaset).
- Beanstalkd for queue processing
- Sphinx for full text search
- JQuery and JQuery UI for ajax.
- Custom ORM built on top of MongoMapper to support access control at the model layer.
- JRuby based agent for pushing data to the server

### 2. **Claps and Boos(<http://clapsandboos.com/>)**

Worked on mainting and enhancement of a movie review website clapsandboos.

Technology used,

- Sinatra with Ruby 1.9.2 hosted on Passanger + Apacahe, with Mongoddb.
- JQuery and JQuery UI for ajax.
- Integrated Facebook, Twitter and Google Maps Api's.

## Educational Qualification

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### **Bachelor of Engineering**

**2006 - 2010**

Completed Computer Science and Engineering from,  
Karunya Unviersity, Coimbatore,  
Tamilnadu, India

### Additional Links

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Git Hub: <https://github.com/kjaikeerthi>

Twitter: <https://twitter.com/kjaikeerthi>

LinkedIn: <http://in.linkedin.com/in/kjaikeerthi>