**Ravikumar Natarajan**

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To associate myself with a technological organization to provide an excellent user experiences by building robust, scalable and high-performance applications

**SKILL SET**

Front-End development Back-End development Cloud-development Databases and Web storage Web architecture API development

Testing – Web & Native app ML model training & development ML model measurement

**EXPERIENCE**

**8K Miles Software Services Limited -** Chennai, TamilNaduAugust 2017 - Present

***Associate – Full Stack Development***

8K Miles provides end to end cloud solution offerings – which includes SaaS, cloud consulting & migration, big data (Hadoop /EMR) services, cloud infrastructures managed services, backup and disaster recovery services to AWS, Azure and also extends its support to various verticals such as Retail, Media, Travel, Pharma, Healthcare and Financial services.

*Full Stack Development*

* Responsible for 8K-radio front-end development to manage their web/native app experience via angular js.
* Perform end to end testing of 8K-radio’s iOS/android app
* Build a pipeline using log stash that automated to store file contents on upload to the Elasticsearch DB and DynamoDB using Lambda functions.
* Implement web services, designed the backend and frontend, and created the server and database connection using angular and python.
* Built a performance tracking dashboard using React JS and Axios for backend API calls to track jobs’ status for an OCR project.

*Data Science & Analytics*

* Build visualization utilizing AWS Kibana stack for performance analytics.
* Work as a part of Bigdata and analytics team to create a Data Lake to aggregate various data sources and file formats for advanced analytics by data scientists.
* Prepare training and sample datasets for content classification model/APIs.
* Work on Microsoft-Azure’s content moderation API to evaluate content classification accuracy and feedback loop.
* Calculate ML model performance metrics to evaluate Image classification models’ accuracy.

**Ambition Tracker -** Chennai, TamilnaduJuly 2016 – July17

***Software Developer (Freelancing)***

AMBITION TRACKER is an Education application mainly for school kids to improve the general knowledge and improve the talent by conducting QUIZ and events

* Design & develop the application using HTML, CSS, JavaScript.
* Perform the various testing’s, test the application end to end and make sure the application works per business requirements.
* Research & Create low fidelity wireframes/prototypes for additional features like conducting awards for the topper and various events module.

**Hakuna Matata Solutions Pvt. Ltd.–** Chennai, Tamilnadu November 2015–June 2016

***Software Engineer***

Hakuna Matata is a service-based company focused on application design, development across all platforms

for its clients across India & the globe.

* Work on various client projects ranging from education, entertainment, retail, media & publishing industries.
* Work closely with other senior developers, project managers, system architects, and the QA team to deliver optimal designs and software to meet and exceed expectations following MVC architecture, under the Rational Unified Process.
* Contribute positively to the overall team dynamic; participate in project meetings, planning and design sessions and other business-development works.
* Create interactive prototypes for web applications from mock ups using HTML5, CSS3, and jQuery-- create custom angular directives as needed.
* Develop UI for web platform using Angular JS, HTML, CSS, JavaScript, jQuery, JSON.
* Built web pages that are more user-interactive using jQuery plugins, JavaScript.
* Write application level code to perform client-side validation using angular JS, JavaScript.

**Hirecraft Software Pvt. Ltd -** Bangalore, Karnataka January 2015 – August 2015

***Development (Mode: Trainee)***

Hirecraft is a pioneer in recruitment process automation for Recruitment Consulting Business, RPO, internal Recruitment Process Automation and HRMS Solutions.

* Work on UI-Grid to maintain all the info about employees’ using front end applications like AngularJS, HTML, Bootstrap, JS, CSS and integrate with backend applications via Node JS
* Design forms using Bootstrap and HTML for view, save, update and delete from the user side
* Assist in developing User Interfaces for web tools, used by both internal and external users
* Work alongside Web UI Developers, Web Service Developers and Project Managers to create web portals.

**Pojo Software Pvt. Ltd–** Chennai, Tamilnadu August 2013 – January 2014

***Internship - Software Development***

Pojo Software operates in education services vertical to experiment revolutionary methods of empowering students by providing platforms.

* Work on the project – ‘Need Book’ using Word press (Content Editing), HTML, CSS.
* Assist in developing User Interfaces for web tools, used by both internal and external users.

**TECHNICAL PROFICIENCIES**

Web Technologies : Angular JS, Node JS, JavaScript, jQuery, HTML, CSS, React JS

Design/Development Tools : Webstrom, Brackets, Sublime Text, Jupyter Notebook

Databases : MySQL, MongoDB

Programming Languages : Java, Python

**EDUCATION**

**Master of Computer Application (M.C.A) 2014**

S.R.M University – Kanchipuram dt, Chennai - Tamilnadu

**Bachelor of Science (B.Sc.), Computer Science 2011** J.J. College of Arts & Science, Pudukkottai dt- Tamilnadu