**KARTHICK KUMAR V** No: 25/11, Sri Rangammal Street,

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**BACKGROUND**

* Full Stack developer/Lead predominantly on open-source technologies with end to end experience in analysis, design, architecture, testing and deployment.
* Vast Experience in Angular (1.x and 8), React, VueJs, React Native, Node, Express JS, MongoDB, PHP, AWS, Azure CI/CD.
* Active participant and contributor to open source forums, published a npm package for dynamic form creation - <https://www.npmjs.com/package/ngx-form-renderer>
* Team Manager and skilled project manager using Scrum
* Mentored and trained numerous developers in the latest front framework
* Product enthusiasts involved product design and modern architecture

**KEY ACHIEVEMENT**

**Analysis:**

* Discussed, analyzed and strategized product design with Product Managers, UX team and Business Managers
* Conducted Product Research projects and created PoCs in new technologies and frameworks
* Experienced in doing feasibility study of the logic and functionality of the product
* Practiced backlog grooming, release and sprint planning, daily standups, impediment removal

**Design:**

* Experience in creating High Level Design and identifying the workflow and key components of a product development.
* Used Singleton, Decorator and Observable design patterns practices on building web based applications.
* Created product design document and application flow based on the product functionality.

**Development:**

* Resolved 150+ critical bugs in the product to improve performance and help customers to Go Live.
* Implemented Redux architecture and used Redux Saga as middleware for a React application.
* Worked with Docker containerization for angular application.
* Created Lamba services for integrating Node API with Angular application.
* Experienced in working on Firebase as Backend-as-a-Service for React Native android and iOS application.
* Created a RESTful API endpoints using Node and Express JS.
* Maintained sole-ownership of 3 modules - Security, Goal Measurements, Performance - using Angular, Node, Express js and ElasticSearch.
* Solved tickets raised by Salesforce business tool customers (User Agents) based on HTML5, CSS3, Bootstrap, JavaScript, JQuery and frameworks such as Angular JS and Knockout JS.
* Implemented payment system using Recurly JS.
* Extensively worked on subroutines for different APIs using Express JS, modifying and creating new connections to Database.
* Worked on an internal tool which is purely based on PHP Laravel.
* Added server push notifications using websockets protocol.
* Developed a mobile web client to consume the API using Angular/React/HTML5/CSS.

**Deployment:**

* Deployed CI/CD pipeline for Angular application using Azure DevOps.
* Experience in Git version control system and gulp JavaScript task runners.
* Implemented Tree shaking, uglification and code optimisation for creating production build.

**Testing:**

* Wrote many unit tests using Karma and Protractor, E2E tests, api tests.
* Implemented code coverage for application using Istanbul.
* Implemented Angular Mock test api to test the REST API.
* Created a test suite using Jasmine and Karma test runners.

**Project Management:**

* Created High level design document for various products and maintained them in Confluence
* Designed application flow using Figma taking inputs from Product Owners and UX designers
* Developed, managed and tracked project plan to implement requested features
* Wrote User Stories pertaining to my development scope based on the requirements gathered from all the stakeholders
* Ensured application availability and data integrity through preventative maintenance and upgrades

**Team management:**

* Experience in understanding and analysing the time and effort estimation of project
* Met daily deadlines to provide time sensitive customer and operational feedback to clients
* Evaluated employee performance on a monthly basis and coached and trained accordingly increasing quality of work and employee motivation
* Routinely created and analyzed productivity reports

**TECHNICAL SKILLS**

Web Technologies : HTML5, JavaScript (ES5, ES6), CSS3, jQuery, Bootstrap

JS Framework : Angular (1x and 8), React, Vue JS, Typescript

Mobile Tech : React Native, Ionic

Architecture : Flux, Redux

Backend Tech : Node, Express JS

Database : MongoDB, FireBase, DynamoDB, MYSQL

Module Bundler : Webpack, Browserify

Test Framework : Jasmine, Karma, Protractor

Devops : Docker, Kubernetes, CI/CD

Cloud Framework : Google Cloud, Azure, AWS

Version Control System : Git, SVN

**CAREER SUMMARY**

**UI Engineer – Full Potential Solutions** June 2019 – Till Date

* Led JS development team and was part of both product development and project delivery for clients.
* Creating dynamic form builder-based components in angular based on metadata that describes the business object model and contributed this back to the open source community
* Implemented WYSIWYG form editor tool using modern driven form in angular
* Prioritized Production issues and assigned them to the Business Analysts
* Mentored, managed and guided team members in technical and product knowledge
* Conducted various training and knowledge sharing programs for developers
* Projects/ Products Handled :
  + NoodleCRM - Omni-channel communication integrated CRM customized for the higher education industry
  + FPS Dashboard - Dialer application, that can connect to internal agent using PBX
  + Wavelength - Call evaluation application, which improves customer experience with call center scoring evaluation forms
  + AFX Product - Online Advertisement purchase from brand content to logos to websites to programmatic advertising.
  + PoFu - A platform that allows users to manage customizable reports and dashboards. The user can also manage multiple accounts, projects, and services. It also allows them to integrate other applications.

**Front End Engineer - Auxo Technology Labs** October 2017 – June 2019

* Creating online tools that enhance online access to faxes and other documents.
* Implemented Intelligent document classification and data extraction.
* Maintaining Document collaboration tools for teams.
* Created Monitoring and reporting tools for automated fax routing and processing
* Projects / Product Handled:
  + NEXTSTEP - An Health care product that shares online documents and brings those documents together and creates faster, more efficient workflows that are easy to use, secure and fully auditable.

**UI Developer – Net Axis IT Solutions**  August 2016 – October 2017

* Building an online design editor using canvas API and scalable vector graphics.
* Created custom directive and common services for graphics manipulation.
* Implemented various text effects using scalable vector graphics.
* Optimized and managed network request for handling vector graphics.
* Project / Product Handled:
  + WoFox - An online design editor for creating different types of text, graphical content, photo collage, character maker.

**Software Engineer Trainee - Atomic IT Solutions** May 2015 – July 2016

* Developing and maintaining the front end functionality of websites.
* Building native mobile applications for android and iOS using react native.
* Developing and maintaining predictable state containers for JavaScript apps using flux and redux architecture.
* Project / Product Handled:
  + Love Wisher - A Social Networking website, based on matching mutual interest. It allows the users to make favorites and chat with other users.

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURE** | **INSTITUTION** | **UNIVERSITY / BOARD** | **PERCENTAGE / CGPA** | **YEAR**  **OF PASSING** |
| B.E.(CSE) | Dhanalakshmi College of Engineering | Anna University | **7.4 / 10** | 2015 |
| H.S.C | P.A.K Palanisamy Higher Secondary School | State Board | **79%** | 2011 |
| S.S.L.C | P.A.K Palanisamy Higher Secondary School | State Board | **84.5%** | 2009 |

**REWARD AND RECOGNITION**

**Beyond the Brief Award:**

Received this award for building a custom Angular plugin for Form Renderer (Dynamic Form Creation) and published the first NPM Package from Full Potential Solutions, thereby contributing to the open-source software community.

**PERSONAL PROFILE**

Name **:** Karthick Kumar V

Father’s Name **:** Velraj P

Date of Birth **:** 17th December, 1993

Permanent Address **:** No: 25/11, Sri Rangammal Street,

Old washermenpet,

Chennai - 600 021.

*Email ID***:**  *karthickvelraj@live.in*

**DECLARATION**

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Place :** Chennai **Yours Sincerely,**

**Date:**

**KARTHICK KUMAR V**