



Rameshkumar K

Software Engineer

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Languages

English ● ● ● ● ●
 Tamil ● ● ● ● ●

Latest Skills

Server Tech ● ● ● ● ●
 Python ● ● ● ● ●
 Web Frameworks ● ● ● ● ●
 Django ● ● ● ● ●
 Client Tech ● ● ● ● ●
 HTML5 ● ● ● ● ●
 HTMX ● ● ● ● ●
 JavaScript ● ● ● ● ●
 CSS ● ● ● ● ●
 jQuery ● ● ● ● ●
 ReactJS ● ● ● ● ●
 Algorithms And DS ● ● ● ● ●
 Databases ● ● ● ● ●
 MySQL ● ● ● ● ●
 PostgreSQL ● ● ● ● ●
 Operating Systems ● ● ● ● ●
 MacOS ● ● ● ● ●
 Linux ● ● ● ● ●
 Windows ● ● ● ● ●
 Scripting ● ● ● ● ●
 Shell ● ● ● ● ●

Education

Study

2007 – 2011 **B.Tech Information Technology** Kamaraj College of Engineering and technology
Focus: Certified Engineer by Anna University Chennai

Working Experience

Total Years Of Experience : 10+

Currently **Senior Associate** KGiSL
Planning, Analysis, Design, Develop, Deploy, Mentor and lead the project

2015 – 2022 **Advanced Software Engineer** Light and Wonder - Scientific Games - Bally
Analysis, Design, Develop, Mentor and lead the product. Design small components, implementing code and participating peer reviews. Support product bug fixing and enhancements and implement coding.

2012 – 2015 **Technical Team Lead** Innoppl Technologies
Design and develop Drupal based projects along with leading a team. Developed e-commerce and CMS projects based on Drupal.

2011 – 2012 **Junior PHP Programmer** MagEDU Solutions
Developed web based product of School/College Management System.

Current Responsibilities

As a Senior Associate

Project Lead
Design, document, deliver the most elegant, practical solutions to challenging engineering problems. Internalise the customer's expectations and bring a customer focus to all engineering design and implementation on my own.

Engineer
Identify and help prioritise the most critical technical debt alongside solutions and iterative plans to chip away at the debt.

Persistent student
Stay abreast with the latest technological advancements and find opportunities to find timely alignments with our internal needs.

Senior programmer
Establish a high bar for writing maintainable software through own coding efforts, code reviews, and code sanity standards integrated into the CI pipelines.

Mentor
Provide timely assistance and guidance to other co-engineers/team mates as they attempt to crack a variety of engineering problems.

Visionary
Aspire to achieve and define the next generation in technical and engineering standards

Troubleshooter
Take on the most critical and challenging problems occurring in production and help analyse and solve them, while identifying preventive measures

Certifications

2020 Selenium - Cucumber Java Trained by LnW
2020 Agile Methodologies Trained by LnW
2020 Advanced Python Self Learn - Udemy Online Course Certification
2020 Data Structure and algorithm - Beginner Level Self Learn - Udemy Online Course Certification

Rameshkumar K

Software Engineer

About Me

Solution-driven Full-Stack specialist with over 10+ years of work experience building consumer focused product and services. Designed and developed web apps across multiple technologies. Thrive in working in a fast-paced, high-tech environment with cross-functional teams using agile methodology.

What am doing

Current Responsibilities



Awards

2020	Employee of the Month	Light and Wonder
2018	Employee of the Month	Light and Wonder
2017	Employee of the Month	Light and Wonder
2014	Employee of the year Promoted as team lead	Innoppl

Extra-Curricular

Volley Middle Blocker
Ball
Cricket Top Order Batsman and Wicket-Keeper

Recent Workarounds

Acting as a Full-Stack Specialist

Kitchen
Innovations

The RAPID app is intended to achieve defined business objectives and is aligned with KitchenInnovation's business strategy.

✚ It is a kind of minimised ERP system(Project Management, still growing..) in which KI manages all the projects and their day-to-day jobs and tasks.

✚ Developing single-page web application using Django a high-level Python web framework and HTMX which is a JavaScript-based open-source library.

✚ In-built Django admin back-end that helps admin users manage all the entities of an application which is implemented with a custom RBAC(Role Based Access Control) system.

✚ Developed Django template based front-end which displays the contents and allows the actions based on logged-in user role and access permissions.

✚ Chosen the PostgreSQL database to manage a large volume of relational data for the application as it has well support in Django.

✚ The main source of data is being extracted from Oracle NetSuite using custom API libraries that are developed to communicate through Netsuite Suitetalk and Restlet.

✚ Developed cron jobs which are runs on every day once to fetch the data from Oracle Netsuite through SOAP API(Suitetalk). RAPID user can update the Oracle Netsuite entities such as Job and task using REST API(Restlet).

✚ Developed Celery scheduler to schedule the tasks such as handling the CRUD operations in Oracle NetSuite and keeping the distributed task in a queue and running them asynchronously using Celery and Redis.

✚ Developed pre-built dashboards that provides an information management tool used to track, analyze, and display key performance indicators, metrics, and data points.

✚ It is customizable and the user can visualize the historical data through Charts that are implemented using ApexCharts which is a JavaScript-based modern charting library. The source code of an application is maintained in GitHub private repo.

✚ Eventually, deployed the app in multiple environments(Dev/Stage/Prod) in KitchenInnovation's server with help of Docker and Docker-compose YAML files.

✚ Additionally, developed Shell scripts to manage Dockerized application actions such as start, stop, backup, and restore.

Former Workarounds

Acting as a Full-Stack Specialist

GDM Wrapper	<p>It is a web based applications which makes online platform to launch and play a slot games. It acts as middle-ware between the game client and game server.</p> <ul style="list-style-type: none">⚡ Developed a Django back-end with REST API to move hard-coded configurations and manage it through Django admin Interface.⚡ Applied hash map algorithm to improve the performance by increasing the search $O(1)$.⚡ Developed a Python-Selenium based automation tool for integration testing.⚡ Implemented a Jenkins job to build the GIT source to Artifact and upload the artifact to dev/qa/stage servers.
iOS Storage - AWS support	<p>It is an AWS support work for the product iOS Mobile App. AWS holds the contents as zip and CSV and serve to the partners.</p> <ul style="list-style-type: none">⚡ Implemented a Jenkins job to build the GIT source to Artifact as iOS supported build zip and upload the artifact to AWS S3 buckets.⚡ Implemented a python based Lambda function to prepare the reports and reported to Data scientist team as an email using AWS SES.⚡ Actively enhancing a python based Lambda function to make it perform faster and cost effective.
Game Packages Services	<p>It is a single page web applications which allows user to create their own manifest and export it as a JSON for the iOS app. Front-end developed with ReactJS and backend AWS(S3-API-Lambda) with Python</p> <ul style="list-style-type: none">⚡ Designed and developed an app from the scratch using AWS Amplify and CodeCommit(SCM).