RESUME

R RACKYMUTHU
Software Engineer
4.7 Years Experience

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⌂ Coimbatore

Career Objective

Software Engineer adept at leading cross-functional teams. Remarkable relationship building, decision making and communication skills. Known for best-in-class development and collaboration.

Professional Summary

- Built Web applications using Python, Django, Flask, Pandas, Numpy, Angular, JavaScript, JQuery, AJAX and HTML, CSS.
- Experience in Databases. MySQL, PostgreSQL, MongoDB and ORM.
- Experience in AWS
- Experience in Networking.
- Experience in RESTful Web Services and Microservices.
- Experience in Version Control, Automation using DevOps tools
- Experience in Cloud Computing and tools.
- Experience in TDD and Unit Testing. Ensure validity and effectiveness of code using PyLint and Code Coverage.
- Experience in Operating Systems of Cent OS and Linux OS

Technical Skills

- Front-End: HTML 5, CSS 3, Javascript, JQuery, Angular, RequireJS.
- Back-End: Python v3.6, Django and Django REST Framework v 2. Websocket and Channels.
- Database: MySQL, PostgresQL, Redis. MongoDB.

Domain Skills

- Cloud Computing:Virtualization, Dockerization.
- AWS: EC2, EBS, Lambda, RDS, DynamoDB, S3
- DevOps: Git, CI/CD, Ansible, Jenkins, Apache2, Nginx
- Testing: TDD, Unit Testing, PyLint, Code Coverage
- Others: Microservice.

Tools

- OpenNebula, Rancher, Docker, Container. CEPH
- Zabbix, Prometheus, Grafana, Ansible
- RabbitMQ, OpenLDAP, Keycloak
- Apache2, Nginx
- ERPNext, Frappe.

Project

ERP SYSTEM

- Description : ERP system for Chocolate manufacturer with the Procurement, Manufacturing, Packaging, Delivering, Inventory management Modules.
- Technical Detail
  Backend: Python3.6
  Frontend: JQuery
  Database: MySQL
  Tool : ERPNext.
- Team Size: 2
- Duration: Current Project (Jul 2020 to Present)
- Role: Software Engineer
- Responsibility: Develop the end to end application. Contribute with the requirement gathering and design, develop and deploy the project in production AWS environment. Support the client queries and Resolve the problem raised by the client.

HOSTEL MANAGEMENT SYSTEM

- Description : Hostel Management System with the Tenant,Attendance, Rent, Room, Floor, Branch Modules.
- Technical Detail
  Backend: Python 3.6 / Flask 1.1.2
  Frontend: Angular 9
  Database: MongoDB.
- Team Size: 2
- Duration: 6 Month (Feb 2020 to Jun 2020)
- Role: Software Engineer
- Responsibility: Develop the end to end system with major modules Tenant, Room, Floor, Branch, Attendance and Billing.

IDAAS

- Description: IDAAS is a SAAS based Identity and access management services. This is enabling the Single Sign-On service to Web Apps and Desktop and Centralized Authentication with LDAP.
- Technical Detail
  Backendend: Python 3.5 / Django 2.2
  Tool : Keycloak and LDAP.
- Team Size: 2
- Duration: 10 Month (Mar 2019 to Jan 2020)
- Role: Junior Software Engineer
- Responsibility: Develop the end to end Single Sign-On platform for Web and Desktop application.

NIAA CHAT BOT

- Description: NIAA Bot is responsible for answering the questions asked by users about their Payroll, and Attendance.
- Technical Detail
  Backend: Python 3.6
  Machine Learning Framework: Tensorflow
  Chatbot Framework: RASA
  Database: MySQL.
- Team Size: 4
- Duration: 9 Month (Jun 2018 to Feb 2019)
- Role: Junior Software Engineer
- Responsibility: Gather various patterns of input messages and train the BOT using data with Supervised Learning technique.

NIAA

- Description: NIAA is a chat platform. It provides more function beyond the normal chat. Such as Message Timeline, Hide Conversation.
- Technical Detail
  Frontend: HTML, CSS, JS, Jquery, RequireJS, Handlebars, Websocket.
  Backend: Python 2.7 / Django-1.10.
  Database: PostgreSQL
  Tool: RocketChat
- Team Size: 4
- Duration: 8 Month (Oct 2017 to May 2018)
- Role: Junior Software Engineer
- Responsibility: Create the Peet-to-Peer Chat, Group Chat and Broadcast Chat with Attachments.

EXOS

- Description: EXOS is IAAS based private cloud platform. EXOS provides the high available virtualization feature and enhanced monitoring and analytics to the entire infrastructure.
- Technical Detail
  Frontend: HTML,CSS,JS,Jquery,RequireJS.
  Backend: Python 2.7/ Django-1.10.
  Database: PostgreSQL.
  Tool: Opennebula-5.2. and CEPH
- Team Size: 7
- Duration: 1 year (Oct 2016 to Oct 2017)
- Role: Junior Software Engineer
- Responsibility: Managing VM and User and group in EXOS. Assign the VM Quota to the user and Assign the ACL to the user.

Experience

- 1 year of experience (Feb 2020 to Till Now) as a Software Engineer in Digixr Technologies, Hope College, Coimbatore, Tamilnadu 641659.

- 3.7 year experience (Jul 2016 to Feb 2020) as a Junior Software Engineer in Next Techno Enterprises (p) Ltd, Tidel Park, Hope College, Coimbatore, Tamilnadu 641659.

Personal Profile

Name	:	R Rackymuthu
Father Name	:	V Ramasamy
Mother Name	:	R Ramathal
Date of Birth	:	06-03-1994
Sex	:	Male
Marital Status	:	Single
Nationality	:	Indian
E-mail	:	racky.rmuthu@gmail.com
Mobile	:	9788830879, 9600650969.
Linguistic Proficiency	:	Tamil,English
Permanent Address	:	131F, Poolakkadu, Krishnapuram, Karumathampatti, Coimbatore- 641659. Tamilnadu,India.

Academic Profile

Course	Institution	Board/ University	Academic Year	Percentage
M. Sc Information Technology	Govt Arts College (Autonomous) Coimbatore	Bharathiar University	2014-16	75%
B.Sc Computer Science	Govt Arts College (Autonomous) Coimbatore	Bharathiar University	2011-14	67.1%
12 Std	AVAT Hr.Sec School Samalapuram Somanur	State Board	2010-11	69%
10 Std	AVAT Hr.Sec School Samalapuram Somanur	State Board	2008-09	75.4%

Social Media

- Linkedin
- Github

Self Approval

I declare the above information is true.

Date: /   /

Place: (R Rackymuthu)