

Mr. R Rackymuthu

Manager in Deloitte | 9.2 Years of Experience in Software Engineering
Coimbatore, Tamil Nadu, India | +91 97888-30879, +91 96888-20313 | racky.rmuthu@gmail.com
[LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

GAC, Bharathiar University, Coimbatore
Master of Science in Information Technology

Coimbatore, Tamil Nadu
CGPA: 7.5 , Year: 2014-2016

EXPERIENCE SUMMARY

Backend Development: Proficient in Python with extensive hands-on experience in Django, Flask, and FastAPI for building robust and scalable applications.

Frontend Development: Skilled in JavaScript, jQuery, and React, creating dynamic and interactive user interfaces.

Database Management: Expertise in both SQL and NoSQL databases, including MySQL, PostgreSQL, and MongoDB, ensuring efficient data storage and retrieval.

API Development: Comprehensive experience in building GraphQL and RESTful APIs using Django and Flask REST frameworks.

Cloud Computing: Extensive experience with cloud platforms:

AWS: SageMaker, IoT Core, EC2, S3, Lambda, RDS, DynamoDB, EKS, and CloudFront.

Azure: Machine Learning, IoT Hub, VMs, Blob Storage, Functions, SQL Database, and App Services.

GCP: Vertex AI, IoT Core, BigQuery, Compute Engine, Cloud Storage, and Pub/Sub.

Infrastructure as Code (IaC): Proficient in Terraform for automating and managing infrastructure provisioning.

CI/CD: Hands-on experience with tools like Git, Bitbucket, Jenkins, GitLab CI/CD, ArgoCD, OpenShift, Kubernetes, Helm, OpenTelemetry, Dynatrace, and Terraform. Adept at implementing advanced practices, including IaC, container orchestration, blue-green deployments, canary releases, observability, and continuous monitoring.

Agile Methodologies: Well-versed in Agile frameworks, including Scrum, for efficient and iterative project management.

Project Management: Skilled in documenting project requirements using Confluence, training and mentoring team members, and ensuring on-time client delivery.

Team Leadership: Proven ability to manage teams by delegating tasks, fostering collaboration, and guiding members to achieve project objectives.

Client Relationship Management: Extensive experience in engaging with clients, gathering requirements, and delivering tailored solutions with a strong focus on quality and satisfaction.

SKILLS

Backend: Python, Django, Flask, FastAPI.

Frontend: Javascript, JQuery.

Database: MySQL, Postgresql, MongoDB.

Cloud: AWS - EC2, S3, VPC, Lambda, RDS, CloudWatch, CloudFormation, EventBridge, SNS, SQS, ECS, Aurora cluster, EKS, IAM, AWS CLI, AWS SDK.

CI/CD: Git, Jenkins, Bitbucket, Ansible, Groovy, Docker, Kubernetes.

Monitoring Tools: Zabbix, Prometheus, Open Telemetry, Grafana, kibana.

Miscellaneous: Splunk, Opennebula, keycloak, RabbitMQ, Redis Cache, OpenLDAP, Frappe, ERPNext, Metabase, Heroku..

GCP - Big Query.

WORK EXPERIENCE

Company	Designation	Year	Location
Deloitte India	Senior Consultant	Sep 2022 - Present	Coimbatore, Tamil nadu
Tata Consultancy Service	Senior Software Engineer	May 2021 - Sep 2022	Bangalore, Karnataka
Digixr Technologies	Software Engineer	Feb 2020 - May 2021	Coimbatore, Tamil Nadu
Next Techno Solutions (P) Ltd	Solution Developer	May 2016 - Feb 2020	Coimbatore, Tamil Nadu

PROJECTS

Feature Builder: Analytical Platform | Client: Experian July 2024 - Present
Feature Builder is an analytical platform designed for Experian to streamline and automate the creation, management, and tracking of features in real-time. The platform serves as a centralized hub for data scientists, engineers, and analysts to create, track, and reuse features, ensuring consistency, scalability, and efficiency across multiple projects. Built on a microservices architecture, it enables cross-application interaction and integration, providing seamless interoperability between various systems and services
Responsibility: Developed scalable microservices and RESTful APIs for creating, managing, and tracking features in real-time. Collaborating closely with cross-functional teams, Ensured seamless system interactions and high-performance data processing. Focused on scalability, performance optimization, and testing to maintain platform stability. Additionally, Documented backend processes and contributed to knowledge sharing across the team.
Technical Stack: Python, FastAPI, Docker, Kubernetes, RESTful APIs, PostgreSQL, MongoDB, AWS, Kafka, Kubernetes, ArgoCD, Terraform, Dynatrace.

Collective IQ: Project Management and Analytics Platform | Client: Experian Sep 2022 - Present
Sophisticated web application developed for an internal US-based customer. It facilitates project creation using specification files, incorporating filters and attributes for customization. It validates syntax and distributes validations as needed. Offers the flexibility to write program logic in various languages based on the specification file.
Responsibility: Implement the core modules of the application, ensuring its functionality aligned with client requirements. Engaged with the client to gather specifications and provided guidance to junior team members. Additionally, Setup the infrastructure on AWS using Terraform, streamlining deployment, and scalability of projects.
Technical stack: Flask, MySQL, React, Tanium, dynatrace, AWS - EC2, S3, RDS, Cloudwatch

Sauran: Real-Time API Management | Client: Sky UK May 2021 - Sep 2022
Sauran is a sophisticated API management application built to handle real-time network traffic data. Developed using Python and leveraging Swagger documentation, it provides robust tools for managing API endpoints and monitoring network traffic efficiently.
Responsibility: Working directly with UK clients to understand requirements and ensure alignment with their expectations. Operating within an agile framework, I managed the development process, from inception to delivery, and maintained open communication channels with the client, providing regular updates and incorporating feedback into the development cycle.
Technical stack: Flask, MySQL, Big Query,

SMOOR Chocolate ERP | Client: SMOOR

Jul 2020 - May 2021

Smoor is a comprehensive enterprise resource planning (ERP) application tailored for the chocolate manufacturing industry. It processes such as raw material procurement, storage, manufacturing, packaging, and product chocolates. The application enables real-time tracking of every stage, allowing efficient order management and customer service

Responsibility: As the lead, responsibilities included managing a team of freshers, providing training, and overseeing the implementation of the SMOOR Chocolate ERP application. I directly interacted with customers to gather requirements and conducted weekly meetings to ensure alignment with their needs.

Technical stack: Python, MySQL, ERPNext, AWS - EC2, S3, RDS, Lambda, Cloudwatch, Eventbridge, SNS, SQS

Hostel Management System

Feb 2020 - Jun 2020

Hostel management system is a comprehensive application designed to streamline hostel operations. Developed using Flutter, it consists of microservices and employs MongoDB as its database for efficient data storage and retrieval. Additionally, RabbitMQ is utilised for message queuing to enhance communication between microservices.

Responsibility: As the sole developer, I undertook the end-to-end implementation of the Hostel Management System. From conceptualization to deployment, I executed the development process, ensuring seamless integration of microservices and MongoDB for efficient data management, while adhering to project requirements.

Technical stack: Flutter, Flask, MongoDB, RabbitMQ, AWS - EC2, S3, RDS, Lambda, Cloudwatch

NIAA Chatbot

Mar 2019 - Feb 2020

NIAA Chatbot is an advanced iteration of the Chat application, integrating bot capabilities powered by supervised learning. This HR enabled chatbot delivers responses to HR and employee-related inquiries, Leveraging the Rasabot framework, it utilises AI to provide accurate and timely answers.

Responsibility: My responsibility entailed collecting and constructing the dataset for training the chatbot. I curated relevant data and structured it to facilitate effective training, ensuring that the chatbot could provide accurate responses to HR and employee queries.

Technical stack: Rocket chat, Rasabot, Javascript, Python, MySQL, AWS - EC2, S3, RDS, Lambda

IDAAS (Identity As A Service)

Dec 2017 - Mar 2019

IDAAS is a single sign-on (SSO) application designed to streamline access to all internal web applications while ensuring robust security measures. Leveraging the power of OpenLDAP, IDAAS facilitates authentication for desktop and laptop computers exclusively within the application, enhancing overall security and access control.

Responsibility: I spearheaded the end-to-end implementation of the IDAAS application, taking ownership of the entire development process. From receiving requirements from the manager to executing the implementation, I ensured that the application met all functional and security criteria while aligning with organisational objectives.

Technical stack: keycloak, Openldap,

EXOS: Cloud Resource Management Web Application | Client: PNG Government

Jul 2016 - Dec 2017

EXOS is an innovative project aimed at revolutionising cloud resource management, covering essential components such as compute, networking, and monitoring, akin to established platforms. EXOS offers a comprehensive suite of tools and features to streamline the complexities of cloud infrastructure management.

Responsibility: Implementing core functionalities for compute, networking, and monitoring. Collaborating closely with the UI team, I ensured smooth integration of backend features into the user interface. Integrated various modules into the EXOS platform for consistency, optimised backend processes for performance, and conducted thorough testing and documentation for reliability.

Technical stack: Javascript, Jquery, Swagger, Python, MySQL, Open nebula, Redis Cache, PostgreSQL