V Krishna Kumar

Senior Analyst

📞 (+91) 9094952806   ✉ krrish1606@gmail.com   🔗 linkedin.com/in/mrvkrishnakumar/

SKILLS

🐍 Python	λ AWS Lambda	Step Functions	Amazon EventBridge
Amazon Textract	S3 Bucket	DynamoDB	Secrets Manager
CloudWatch	CloudFormation	Simple Queue Service (SQS)	API Gateway
SAS	Basic SQL	SAP Web Intelligence	

PROFESSIONAL EXPERIENCE

Senior Analyst
Aug 2023–Present

Empower, Bangalore, IN

‣ Automated payment registry systems, saving 30 mins of manual effort daily and increasing overall efficiency.

‣ Automated email extraction using Graph API, generating reports and saving 2 hours daily through streamlined processing.

‣ Utilized Amazon Textract to extract table information from PDFs, converting into Excel, saving 1 hour daily. Then collaborated with the front-end team to build a Human-In-The-Loop (HITL) layer for verifying data accuracy before updating the information into the database.

‣ Deployed and orchestrated multiple Python-based AWS Lambda functions, Step Functions, and API Gateway services using CloudFormation templates, enhancing automation and reducing manual intervention.

‣ Designed and implemented an AWS multi-region active-hot standby architecture with automatic region failover, ensuring high availability, disaster recovery, and seamless switchovers during outages with minimal delay.

‣ Designed and implemented SQL validations for loan document processing using Textract to extract user document data, Python code to get the OCR'ed data, and used the cx_Oracle library to query Oracle DB and validate, reducing manual verification hours to minutes.

‣ For standalone AWS processes involving Lambda, S3, and Step Functions, created a metric design system in CloudWatch, integrated it into every process, and built a dashboard to visually show whether each process was successful or not, including leveraging CloudWatch Logs Insights with SQL-like queries for detailed log analysis and monitoring.

Analyst
Jul 2021–Aug 2023

Empower, Bangalore, IN

‣ Led automation of tax reporting process using SAS and Python, saving 45 minutes daily and $30,000 annually in vendor costs.

‣ Automated email deletion from team mailbox with Python, reducing administrative overhead by 30 minutes monthly.

‣ Automated Salesforce service request creation with Python, saving 5 minutes per request and improving response times.

‣ Automated email attachment downloads and Excel formatting, saving 2 hours daily and enhancing data processing efficiency.

‣ Created and implemented multiple SAS reports per user requirements, improving data accessibility and decision-making.

Intern

May 2020–Sep 2020

Empower, Bangalore, IN

- Leveraged Topic Modeling to classify unstructured text, then built a logistic regression model achieving 80% accuracy, used for new data classification.
- Developed a Tableau dashboard to visualize findings, identifying reasons for forms labeled as Not In Good Order (NIGO).
- Provided actionable recommendations based on insights, reducing form rejection rates and improving processing efficiency.

IT Analyst

Nov 2014–Aug 2019

TCS, Chennai, IN

- Liaised with clients to gather and update requirements, ensuring project alignment with client needs.
- Developed and customized reports per client specifications, enhancing data accuracy and usability.
- Analyzed and presented data, identifying and reporting discrepancies to clients for resolution.
- Supervised a team of 2 associates, ensuring timely and accurate task completion, boosting team efficiency by 20%.
- Automated Time-Sheet report generation, saving 15 minutes daily and improving reporting efficiency.
- Developed an incident data dashboard, aiding management and client presentations, improving decision-making processes.

AWARDS

- Received multiple recognitions for work at Empower
- Won "VIP" award for automating the tax reporting process, saving 45 minutes of manual efforts per day at Empower
- Won "Best Team" award for customer satisfaction at TCS
- Won "On the Spot" award for dedication and sincerity at TCS

EDUCATION

PGDM (Big Data Analytics)

Goa Institute of Management, Goa, IN

2019 - 2021

CGPA: 6.33/8

B.Tech (Mechanical)

SRM University, Chennai, IN

2010 - 2014

CGPA: 9.066/10