V Krishna Kumar

Senior Analyst

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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 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 multiple Python jobs in AWS Lambda, enhancing automation and reducing manual intervention.

▸ Worked on multiple AWS Lambda functions, Step Functions, and API Gateway, orchestrated through CloudFormation templates.

▸ Designed and implemented a multi-region active-hot standby architecture, ensuring high availability and disaster recovery.

▸ Configured automatic region failover as part of the multi-region active-hot standby setup, ensuring seamless switch to the standby region 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