

# V Krishna Kumar

## Senior Analyst

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## SKILLS



Python



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'd 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