February 13, 2024

Letter of Recommendation

This is in reference to **Mr. CYRUS ANDRE DSOUZA** who was working with **Zycus Infotech Pvt. Ltd** at **Bengaluru, Karnataka in India, as a Full-Time** employee working for 45 hours a week from **12-08-2019 to 24-12-2020.**

Please find the employment details mentioned below:

Start Date	End Date	Designation	Country
01-06-2020	**24-12-2020**	Tech Lead - Data Science	India
12-08-2019	**01-06-2020**	Associate Tech Lead - Data Science	India

His Prime Roles and responsibilities throughout his employment with this organization are as follows.

- Lead the team in designing, developing algorithms for the AI products in the company especially Contract Analysis.
- Collecting and addressing essential customer needs to craft functional design specifications for executing workflows.
- Addressing essential customer requirements by gathering information to craft functional design specifications for products.
- Worked in planning designs and maintenance strategies for various use cases in the contract management ecosystem.
- Hands on experience in programming especially with Scientific libraries and languages.
- Collaborate closely with product owners to understand business needs and effectively deliver them through clearly defined sprints.
- Identify mechanisms to automate and enhance productivity through design patterns and machine learning algorithms.
- Worked on the highest quality with respect to design, coding and testing practices.
- Responsible for developing innovative algorithms and machine learning architectures for Contract Management Software.
- Hands on experience with Object Oriented Analysis, Design & Programming, Statistics, Machine Learning, Deep Learning.
- Hands on experience with Legal Contracts and the domain.
- Maintaining and debugging systems to ensure continuity and smooth running of contract management systems. Debugging issues within the software and coming up with insights.
- Worked on using big data through large sets of contracts and used Big Data technologies and adopted tools like Hadoop and Pig, Spark
- Conducted scrums, creating user stories and following the Agile model through Jira.
- Managed and tracked code efficiently through bitbucket and git version control mechanisms.

- Managed, reviewed and mentored team members with respect to the requirements, documentation, code quality, project tracking with AGILE frameworks.
- Provide technical guidance to junior data scientists and mentored the team to deliver quality products.

Tools and Technologies:

Operating Systems:	Windows/Linux/Ubuntu
Languages Used:	Python, NLP, Deep Learning, Machine Learning,
DevOps :	Gunicorn, Flask, Supervisor, gRPC, Tensorflow-Serving Nginx, Dockers, Jenkins, Redis-Queue
Management Tools:	JIRA, Atlassian, bitbucket, confluence
ML/DL Libraries :	Pandas, Numpy, Pyspark, TensorFlow, pytorch, Keras, scikit-learn,nltk, OpenCV, matplotlib, seaborn
Version Control:	git, github, gitlab
Database:	RedisDB, MySQL

Top Achievements

1. Built a Force Majeure Risk Analyzer at the start of the covid-pandemic, due to the dire need to understand what contracts are covered under Force Majeure, in order to cut potential losses to the client. This cut down the manual analysis time by 90%. Designed, developed and deployed the solution within a month.
2. One of the first employees that pioneered the AI wing (Merlin-AI) of the company and introduced machine learning to contract management, invoice management as well as procurement management tools of the company.

We acknowledge his exemplary work and commitment during the tenure with our organization and extend best wishes for all this future endeavors.

Regards,
Mr. Venkatakrishnan Rajaram,
Director - Engineering, PDT,
Zycus Infotech Private Limited
E-mail : venkatakrishnan.r@zycus.com ; 8861199005

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Audit Summary for Cyrus LOR

Report Time	**Agreement Name**	**Document Created Time**
13/02/2024 | 12:54:32 (GMT)	Cyrus LOR	13/02/2024 | 12:34:11 (GMT)
Document Created By	**Document Sent Time**	**Transaction ID**
Konkana Das (konkana.das@zycus.com)	13/02/2024 | 12:38:19 (GMT)	f2a4a980-2c2e-4fc0-b037-707e9a57812b
Documents	**Recipients**	**Document Status**
Cyrus LOR.docx	Venkatakrishnan Rajaram (venkatakrishnan.r@zycus.com)	Completed
Document Status Action Time	**Number of Signatures**	**Number of Initials**
13/02/2024 | 12:54:32 (GMT)	1	0
Number of Stamps	**Number of Pages in Document**	**CC Users**
0	2	

Audit Events

● Document Created by Konkana Das (konkana.das@zycus.com)

Time	IP Address	Geolocation	Browser	OS
13/02/2024 | 12:34:11 (GMT)	123.108.35.234	-	Chrome 121	Windows 10

● Document emailed by Konkana Das (konkana.das@zycus.com)
  Sent to - Venkatakrishnan Rajaram (venkatakrishnan.r@zycus.com)

Time	IP Address	Geolocation	Browser	OS
13/02/2024 | 12:38:23 (GMT)	123.108.35.234	-	Chrome 121	Windows 10

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Time	IP Address	Geolocation	Browser	OS
13/02/2024 | 12:52:30 (GMT)	123.108.35.234	-	Edge 121	Windows 10

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13/02/2024 | 12:52:32 (GMT)	123.108.35.234	-	Edge 121	Windows 10

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- Document eSigned by Venkatakrishnan Rajaram (venkatakrishnan.r@zycus.com)
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13/02/2024 | 12:54:31 (GMT)	123.108.35.234	-	Edge 121	Windows 10

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- Final Agreement Emailed
  Sent to - Konkana Das (konkana.das@zycus.com)
  Venkatakrishnan Rajaram (venkatakrishnan.r@zycus.com)

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End of Report

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Venkatakrishnan Rajaram (venkatakrishnan.r@zycus.com)	Field Type: Signature Field Name: Signature	Yes	Page No.:2	Signed on 02/13/2024 | 18:24:23 (GMT +5:30)	13/02/2024 | 12:54:29 (GMT)

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Supported Operating system	MAC OS X v11 or later and Windows 8, 10
Supported Browser	*Edge Chromium based browser Recommended Edge Version 81.0.416.58 + Firefox Version 75.0 + Chrome 78.0.3904.97 + Safari 11 +*
System Resolution	1920*1080, 1024*768, 1152*864, 1366*768, 1440x900, 2560*1600, 3072*1920
Additional Hardware/Software Requirements	4 Cores (CPU)

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