System Engineer

Venkata Rama Krishna Sastry Kambhampati

Personal details

👤 Krishna

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🏠 1-4/3-50, KK Nagar, Vijayawada, 520012, AP

🎂 June 9th, 1997

🌐 https://github.com/approxinfy

Languages

English	★★★★★
Telugu	★★★★★

Skills

Python	★★★★★
Ansible	★★★★★
Java	★★★★☆
C++	★★★★☆
Linux	★★★★☆
SQL	★★★★☆
Android	★★★★☆
Git	★★★★☆
AI	★★★★☆
Web Development	★★★★☆

Education

BTech, CSE, JNTUK	69.64%
NRI INSTITUTE OF TECHNOLOGY, Agiripalli	**Jun 2014 - Apr 2018**
XII, MPC, BIEAP	90.30%
Narayana N A D, Vijayawada	**Aug 2012 - Apr 2014**
X, CBSE	86.00%
V. S. St. John's Higher Secondary School, Gannavaram	**Jun 2011 - Apr 2012**

Certifications

Azure Data Scientist Associate

Microsoft   **May 2022**

Certificate ID: **992978726**

https://github.com/approxinfy/Certifications/blob/main/DP-100.pdf

Android Developer

Edureka   **December 2020**

Certificate ID: **AECUUSRD**

https://github.com/approxinfy/Certifications/blob/main/Android.pdf

Employment

System Engineer   **Dec 2018 - Present**

Tata Consultancy Services, Chennai

- During ILP worked on Java, Oracle Database, JSP and Angular UI framework to develop a POC web application.
- Automated manual tasks like file monitoring, log verification, etc through python and created a monitoring tool using Tkinter UI framework. Made use of concepts like multi-processing and multi-threading.
- Developed a python-based API for IBM MQ.
- Automation of Vulnerability patching and deployment activities like Oracle Java upgradation, DR Switching activities, etc. through Ansible.
- Automation of issue handling tasks by creating ansible jobs, scheduled tasks, python scripts as required.
- Developed SSRS reports to pull required records from database to help with investigation of production issues.
- Developed a machine learning model to predict emotions through face detection. Using that model created an application to generate Customer Satisfaction Index based on customer interaction videos. Used Flask python web framework and ReactJS for development. Deployed the application in Azure cloud.
- Guided my team to learn Python, Ansible to use and address tasks where there is scope for automation.
- Created a SharePoint website to have all requirements like issue documents, server playbooks to support multiple applications at one place.
- Working on Issue handling, Change tasks through service now and other monitoring activities. Will observe manual processes to find scope for automation and will automate tasks as required.

- Linux Distro Hopping

- Cooking

- Coding for fun

- Watching Anime

- Exploring Arch Linux

  https://github.com/approxinfy/Arch

- Learning

- YouTuber - Krishna K - YouTube

- Communication

- Problem-solving

- Computer programming and coding

- Multitasking

- Teamwork

- Attention to detail

Application Developer　　　　　　　　　　　　**Dec 2016 - Dec 2018**
Freelancing, Vijayawada

- Before Leave: A desktop application that simplifies faculty Leave Management process developed using Java Swing Application Framework.
- Exam Manager: A desktop application that simplifies exam seating plan and set management developed using JavaFX Application Framework.
- Cryptiphy: An algorithm that performs encryption and decryption of messages based on a password of user's choice designed by taking play fair cipher as a reference which is further developed into an application for both desktop and android mobile users developed using JavaFX Application Framework and Android Studio.
- PED: (Personal English Dictionary) A customizable dictionary application for both desktop and android mobile users developed using JavaFX Application Framework and Android Studio.

Internships

Application Developer　　　　　　　　　　　　**May 2017 - Jun 2017**
Miracle Software Systems, Vizag

- Built [Blood Bot] a Facebook chatbot using [Api.ai (Dialogue flow), Node.js, MongoDB].
- Worked mainly as a part of back-end development team, also Integrated multiple software components into a fully functional software system.

Achievements

- Got "*Service & Commitment*" award from TCS
- Cleared TCS "*Elevate Wings1*" Direct Capability Assessment
- Got "*Special Initiative*" and "*Special Achievement*" awards once for my contribution towards AI project with Rapid Cohort from TCS
- Got "*Best Team*" award twice from TCS
- Got "*On the Spot*" award 3 times from TCS
- Got "*Fresco Play Miles*" award 5 times from TCS
- Acquired TCS "*Kudos*" during ILP
- Secured "*first place*" in a 1/3rd technical hackathon.
- My team at Miracle Software Systems was recognised as one of the "*top 3 best teams*" and I was selected as a best performer during the Internship period.