Resume
Karunakar Vanama

IT professional who is passionate about utilizing the communication, technical, and analytical skills developed in past roles to further my career as a Project Coordinator / Architect.

Education

Year	Course	Name Of Board / College	Percentage/ GPA
2018	B.Tech	Bapatla Engineering College, Bapatla	89
2014	XII	Board Of Intermediate Education, A.P.	97.1
2012	X	Board of Secondary Education, A.P.	9.3 (CGPA)

Summary

- Having 2 years of professional experience in Cutting-edge technologies.
- Have good knowledge in UiPath, Automation Anywhere.
- Working knowledge on DevOps tools and DevOps practices.
- Good Knowledge in Agile Methodologies and practices.

Certification/ Training

- Certified UiPath RPA developer from UiPath.
- Automation Anywhere certified Advanced RPA Professional.
- Certified Python Developer from "University of Michigan"
- Certified UiPath RPA Advanced Developer.
- Trained in Machine Learning and Microsoft Azure from Pluralsight.
- Trained in DevOps from Simplilearn.
- Trained in Microsoft Azure fundamentals and Azure cognitive services.
- Trained in Emerging technologies like IoT and Blockchain.

Technology/ Skills

- Azure DevOps, Airflow, ARM Templates.
- UiPath, Automation Anywhere
- Python
- DevOps tools like Jenkins, Docker, Ansible, git, Jfrog, Sonarqube, and Kubernetes.
- Azure Virtual Machines, App services, Machine Learning Studio, Cosmos DB, SQl Server.
- Azure Cognitive Services, SendGird Account, Container Registries, Kubernetes Service.
- Java, J2EE, JDBC
- HTML5, CSS, JavaScript, R, ELK stack.
- Katalon Studio, SikuliX

Experience

Organization: Mindtree Ltd (Software Engineer)   *June 2018 – June 2020*
Organization: Mindtree Ltd (Senior Software Engineer)   *July 2020 – Present*

WK Services – "Cloud Engineer"   **April 2020 - Present**
Description:
The WK Services project is the Central source for Services provided to public cloud environments.

Roles & Responsibilities:

- Provide required Infrastructure using the PowerShell scripts (IaC).
- Writing Unit Test cases for the PowerShell Scripts using Pester.
- Peer Review to code written by other team members.
- Writing Functional Test cases and documenting the results.
- Creating Build and Release pipelines for PowerShell scripts in Azure DevOps.
- Creating Standard Operating Procedures (SOP) and readme.md files.
- Writing Python unit test cases for AWS Python scripts.

Cloud Work   **January – March 2020**

- Learnt fundamentals of Microsoft Azure and available Azure Cognitive courses.
- Administrator for the Team Azure cloud and provisioned required resources needed for the Project.
- Learnt provisioning of different Cloud resources like **Virtual Machines, App services, Cosmos DB, Function app** using ARM templates and PowerShell.
- Oauth flow using Azure Active Directory.
- Explored Azure Machine Learning Studio to create ML models.

AutomatoN – "Software Engineer"   **May-December 2019**
Description:

AutomatoN applies intelligence, digital technologies and talent to help organizations transform business operations, create exceptional user experiences and deliver results previously unimaginable.
Roles & Responsibilities:

- Understanding Business requirements and Functional Specifications.
- Developing Design Document, Functional Specification Document.
- Setting up Dev, QA, and Prod Environments for the project.
- Creating Azure Repository and maintaining it. Providing access to the developers.
- Creating **Azure Boards** to track the tasks and issues/bugs found.
- Team Management and access to team members in **Azure DevOps** Portal.
- Setup **Cosmos DB**, Mongo DB, SQL, Docker, Kubernetes, **Azure App Services**, Sonarqube.
- Created CICD pipelines to deploy code into App Services and Kubernetes after Dockerizing.
- Storing Docker images in **Azure Container Registries**
- Sending mail notification Sonarqube code quality and code coverage report.
- Sending mail notification to team on Build Updates and issues found on QA using **SendGrid** Account.
- Setup 100% automated CICD flow that automatically trigger pipelines in different environments with appropriate approval.
- Explored tools like Katalon Studio and SikuliX for Automated Testing.
- Worked on Airflow that acts as an Orchestrator for Workflow created.
- Explored on **Apache Airflow Service** Provided by **Bitnami in Azure.**
- Made sure that all the coding standards followed and Test-driven development approach followed.
- Given demo to Sales team and Management on working of the framework.
- Peer code review for airflow and session on DevOps tools.
- Invoking RPA bots from the framework developed.
- As an aspirant to learn Cyber Security, checked framework against Penetration testing.

Bot Monitoring – "Software Engineer" April, 2019
Description:
> One-step solution to monitor and control all you RPA bots from one place.

Roles & Responsibilities:

- Setting up ELK stack in the **Azure VM**.
- Configuring the UiPath and Automation Anywhere bot logs to visualize the data in Kibana.
- Customizing Kibana Dashboard based on requirements.
- Created Demo Video and demo Presentation to management

McDermott – "DevOps Engineer" January- April 2019
Description:
> Smart Building Management Solution (on IOT domain) which enables managing devices (connected to various equipment) and equipment smartly to leverage best device health and occupancy comfort in reduced management cost. It enables real time/batch data analysis from various devices like sensor, camera, and panel (hub where all same type of devices are connected) to provide its running status, consumption etc. The solution also consisted of Rules/Actions engine, which enabled to set, some, computed set points for devices as threshold, breaching which some alarm/tickets raised and concerned person receives notification through e-mails.

Roles & Responsibilities:

- Understanding the business requirements and functionality.
- Setup Jenkins, Docker, Kubernetes, Ansible, SVN, Jfrog in Azure VM.
- Automatic mail notification to team in the required format on build status using SendGrid Account.
- Developed scripts to deploy Docker images from One VM to other.
- Code review for code developed in Java.
- Setting up Jfrog artifactory and used in the project.
- Analyzed the code using Sonarqube and informed the team on code quality.
- Created CICD pipelines for deploying and hosting code on VM.
- Demo on CICD flow to project team.

RPA Work October - December 2018

- Worked on POC, "Cheque Data Extraction" to extract Cheque data and process further.
- Worked on Expense Claim POC that automates the process on Expense Claims using UiPath.
- Worked on a Titan use case to combine multiple files into a single file using Automation Anywhere.
- Trained on Mindtree's internal bot framework, Mindflow.
- Worked on YOLO for Object detection.
- Learnt basics on Machine Learning like supervised learning and Unsupervised Learning.
- Trained on Basics of Hyperledger and Ethereum in Blockchain.

Kalinga Training: June – October 2018

During Training in Kalinga, I have learnt many cutting-edge technologies.

- Learnt RPA Tools UiPath and Automation Anywhere.
- Gained expertise in Azure, Java and Python.
- Worked in Linux Environment.
- Beginner knowledge in IoT and Blockchain.
- Mathematical working of Machine Learning algorithms.

Karunakar Vanama

Personal Skills

- Willingness to learn new technologies.
- Good Team Player.
- Easy adaption to new environment and people.
- Creating Enthusiastic Environment around me.
- Owning things with utmost dedication.

Personal Details

Date of Birth	:	July 11, 1997
Nationality	:	Indian
Languages Known	:	Telugu (Read, Write, Speak)
		English (Read, Write, Speak)
		Hindi (Read, Write)
Hobbies	:	Listening Songs
		Cooking
		Watching Mythological Videos
		Playing Shuttle Badminton
Mail Id	:	karunakar.vanama1729@gmail.com
Mobile	:	+91 - 8886726727

Declaration

I hereby declare that the information provided above is in accordance with the fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.

(Karunakar Vanama)