



Name: SIVA SAI KRISHNA, AKURATHI

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PROFESSIONAL SUMMARY:

- Around **6 Years** of the experience specializing in the development and implementation of CI/CD pipeline tooling's, AWS DevOps and iterative improvement in fast-paced environments Web application, REST API development along with software requirement gathering, analysis, design, development, implementation and testing.
- Developed projects using **AWS services** including Lambda, Glue, DynamoDB, RDS.
- Proficient at platform and **AWS services** including EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Event Bridge, Auto scaling, Security Groups; setting-up and managing VPC, Subnets and Network Zones.
- Experience in different phases of Development & Networking activities, which includes development of normal and web-based application along with their implementation, phases of the Networking include Log Analysis, and Development of Dashboards, Reports and Watchers.
- I have clear understanding **Cisco Routers** and **Switches**.
- Steering rapid model creation in python using Pandas, Numpy, Pillows, Matplotlib & TKinter.
- Designed and developed the UI of the website using HTML, CSS and JavaScript.
- Experience in using **Elasticsearch Logstash Kibana** in the Mainframe Application.
- Strong Knowledge in writing **GROK Patterns** to segregate the raw log from ELK.
- Experience in writing JSON script watchers in Kibana for getting alert notification.

EDUCATIONAL QUALIFICATION:

B.Tech., Electronics and Communications Engineering under JNTU Kakinada from Vishnu Institute of Technology, Bhimavaram in 2017.

EXPERIENCE:

- Worked as Python Developer in **ManagNI Systems Pvt Ltd, Bangalore**, from **August 2017 to October 2019**.
- Worked as Python & Django Developer in **NFC Solutions, Hyderabad**, from **December 2019 to September 2020**.
- Worked as Python Developer in **People Prime worldwide, Hyderabad**, from **May 2021 to Jan 2022**.
- Worked as AWS DevOps Engineer in **Capgemini private limited, Hyderabad**, from **Feb 2022 to till date**.

TECHNICAL EXPERIENCE:

Programming Languages	Python, Pyspark
Networking	Cisco Certified Network Associate (CCNA).
Cloud	AWS Solution Architect Associate Certified, AWS DevOps Engineer Professional.
Web based Technologies	HTML, CSS, Java script
API's	Rest API
Framework	Django
DevOps & CI/CD	Dockers, Terraform, Jenkins, Artifacts
Visualization Tools	Tableau, Superset, Jupiter, Knox, Splunk, ELK (Elasticsearch Logstash and Kibana)
Orchestration Tool	Airflow
Database	MY SQL
Automation Tool	ServiceNow
Version Control	GIT, JIRA, Bit bucket, CDETS, Pylint, Pychecker
Other Skills	Confluence, Agile methodologies Microsoft Office (Word, Excel, PowerPoint, Outlook)

CERTIFICATIONS:

- Certified **CCNA** Routing and Switching **200-301** (From Feb 2021 to Feb 2024).
- Certified **AWS** Solution Architect Associate **SAA-CO2** (From Jan 2022 to Jan 2025).
- Certified **AWS** Certified DevOps Engineer Professional **DOP-CO2** (from Sep 2023 to Sep 2025).
- Certified **Data Bricks** Data Engineer Associate. (From March 2023 to March 2025).
- Certified **Data Bricks** Generative AI Fundamentals. (From May 2024 to May 2026)

PROJECT :

Capgemini Private Limited, Hyderabad, India

Feb 2022 to till working.

Project Title	NAB (National Australia Bank)
Role	Aws DevOps Engineer
Technologies Used	GitHub, Jenkins, AWS, Jupiter, Superset, RabbitMQ, Airflow, Terraform, Linux
Client	Australia

Description:

National Australia Bank Ltd (NAB) is a provider of personal, business, and private banking services. It serves individuals, MSMEs, and large corporates.

Responsibilities:

- Worked on Every **Fortnight patched release**, and include the promotion of feature to production, Bug fixes, instance patching, Docker images deployment and more.
- Worked on **SSL-Certification Renewals** for different environments (non-prod and prod) and patterns.
- Proficient at platform and services including **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Event Bridge, CloudWatch, EMR Clusters, Redshift, ACM, KMS, SSM, Auto scaling, Security Groups, Subnets** and **Network Zones**.
- Developed projects using AWS services including Lambda, Glue, DynamoDB.
- Working Knowledge on Dockers, ECS, Packers.
- Worked with Airflow for creating the DAG's and scheduling the EMR jobs.
- Deployment using **CI/CD** pipelines.
- Working and requirement gathering, analysis, design, development & Jenkins job creation and configuration.
- Created Service now tickets for production deployment with all the details and worked with production support team to deploy the code to PROD.
- Worked as Role-based administration allows you to provide the right Envoy access to specified team members.

PROJECT :**People Prime Solutions, Hyderabad, India****May 2021 to Till working**

Project Title	RLUS
Role	Pyspark Developer
Database	DynamoDB
Technologies Used	AWS services including Pyspark, Lambda, Glue, RDS, Step Function
Client	Cognizant

Description:

RLUS is a American Insurance company providing Life Insurances. AWS cloud was chosen to migrate the on-premises infrastructure to Cloud.

Responsibilities:

- Worked on requirement gathering, analysis, design, development cycles.
- Glue job creation and configuration.
- Loading data in RDS and DynamoDB tables.
- Creating AWS Step Function and Lambda.
- Deployment using CI/CD pipelines.
- Working on Unit Test and documentation.

PROJECT :**NFC Solutions, Hyderabad, India****December 2019 to September 2020**

Project Title	Patagon Mobile
Role	Django Framework Developer
Database	MongoDB
Technologies Used	Python, Django, HTML, CSS, JavaScript & Vue.JS

Description:

Patagon Mobile is a staffing platform that helps staffing businesses/clients fulfilling their clients resourcing needs including, but not limited to, job orders, time sheets, job offer, pay check and invoice management in a cost, time and accuracy effective manner - all form their mobile application.

Responsibilities:

- Experience with Web application, REST API development along with software requirement gathering, analysis, design, development, implementation, and Unit testing.
- Developing applications in open source frameworks like Django.
- Application development using IDE's like Pycharm.
- Experiences with the Python library Matplotlib.
- Experience with Git and Jira.

PROJECT :**ManagNI Systems., Bangalore, India****August 2017 to October 2019**

Project Title	Creditshop(Austin, USA)
Role	Python Developer
Project Objective	To analyze & monitor the network
Network Technologies	Python & Networking

Description:

Creditshop is a financial services company that develops and manages consumer friendly credit cards and personal loans designed. The company has offices in Austin, Texas, Wilmington, Delaware. It provides Mercury MasterCard and it became the 24th largest Visa and MasterCard credit card program in the United States. Signed partnerships with AAA Club Alliance, NEA (National Education Association) and the SEIU (Service Employees International Union) to provide personal loans to their member.

Responsibilities:

- Worked in development /enhancement of the code as per the requirements using Python.
- Collaborate with other developers on best practices, code reviews, internal tools, and process improvements.
- Experienced in real time analysis of security alerts generated by web applications.
- Worked in configuration of Elasticsearch (used for storage) , Log Stash and Kibana (to visualize the logs).
- Experienced in Log parsing and Development of the GROK Patterns.
- Coding, code reviews and documentation.
- Analyzing the infrastructure traffic logs.
- Preparing documentation for Design, test results and implementation notes.
- Attending offshore, on shore calls and weekly status meetings for updates and enhancement.
- Creating Dashboards for easy analyzing of logs using Pandas, Numpy, Pillows, Matplotlib & TKinter.
- Involved in creating page templates as per the requirements of the project.
- Fixing reported bugs and writing scripts.
- Handling the feedback and update the changes.

NETWORKING SKILLS:

- Protocols: RIP, OSPF, EIGRP, IPV4 and IPV6.
- Good knowledge of OSI Model, ACL, NAT & PAT, TCP/IP with all layers.
- Switches - ARP, Vlans, Inter Vlans, Trunking, DTP, VTP, STP, RSTP, Etherchannel.
- Routers- Redistribution, Summarization, route map, route filtering, virtual link.
- WAN Technologies – VPN, Leased Lines, Frame relay.
- SECURITY- AAA, Port Security, DHCP Snooping.

DECLARATION:

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

Place: 21-14-16/1, Sivalayam Street Perala,
Chirala(M), Prakasam DT - Andhra Pradesh
Pin Code: 523 157.

Date:

A. Siva Sai Krishna.