

SARANYA GUPTA

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CAREER OBJECTIVE

A challenging position within the organization where my prior experience, personal ability, and a commitment to professionalism would be of value, while making a significant contribution to the growth and development of the organization.

PROFILE SYNOPSIS

- Over 10+ Years of IT experience as DevOps & Cloud engineer with expertise in areas of Software Configuration Management, automation, optimization, version Control, DevOps/Build, and release management. Experienced with the Cloud services - AWS & Azure. Brings maturity, enthusiasm, and a drive to learn new technologies along with real world experience.
- Currently working as Cloud Analyst at Coforge.
- Worked as a Technical Lead wherein responsible for handling multiple devops tools and cloud technologies used throughout the organizations. Working knowledge of transforming the business requirements into working functionality.
- Worked on successful migration of project to AWS Cloud Services. Complete end to end Infrastructure setup on AWS.
- Assisted the App Engineers in automating the deployment process for all environments using Jenkins and GIT/Bit bucket for Continuous integration and improvement.
- Experience in variant domains Insurance, Healthcare, Telecom, Education and E-learning, Public and Industry sector.

TECHNICAL SKILLS

DevOps - Terraform, Jenkins, Github CI/CD, Docker, Kubernetes, Ansible

Cloud Platforms - AWS, Azure

Scripting Tools - Shell, Groovy, Python

Other Tools - HPOO, Splunk, StreamSets

Agile Tools - GIT, Bitbucket, SVN, JIRA

Programming Platforms - Eclipse, NetBeans, Visual Studio

Databases - MySQL, Oracle, MS SQL

Web Servers - Apache Tomcat, Web Logic, Web Sphere

WORK EXPERIENCE

Technical Consultant – Cloud Services at Coforge Ltd, Gr Noida

May 2022 – Present

Project: IAG -Iberia

May 2024-Present

- Worked on AWS cloud, architecting high availability, scalable and fault tolerant architectural solutions to clients to help with successful migration from on premise to AWS cloud.
- Implemented CI/CD pipeline through Github Actions/Runners- that decreased deployment times by 50% and increased release frequency from monthly to weekly, enhancing product delivery speed and reliability.

- Re-architected the entire AWS infrastructure using AWS services and terraform, reducing costs by 25% and improving deployment speed by 40%
- Developed serverless applications using AWS Lambda and API Gateway, enhancing application scalability and performance
- Developed a disaster recovery plan using AWS Backup and AWS Lambda, reducing data recovery time from 48 hours to under 2 hours.
- Configured AWS backup for automatic image snapshots for disaster recovery.
- Built and deployed Docker containers to break up monolithic app into microservices and resolving software inconsistencies
- Scripted cloud-based infrastructure solutions in AWS using EC2, S3, RDS, Lambda and managed services.
- Managed Git repositories and configured fully automated CI/CD pipelines using Github Actions.
- Implemented monitoring solutions using AWS CloudWatch and SNS to provide real-time alerts, reducing system downtime.

Project: Eurostar**June 2023 - May 2024**

- Managed provisioning of AWS infrastructures using cloud formation and terraform.
- Responsible for the creation of all Infrastructure/network resources, Security Groups, as well as IAM objects in each environments/account.

Project: Nutrisystem**May 2022 – June 2023**

- Worked on successful migration of the Nutrisystem project to AWS Cloud Services. Complete end to end Infrastructure setup on AWS.
- Hands-on experience with EC2, ECS, ELB, EBS, S3, VPC, IAM, RDS, Cloud watch, Autoscaling etc.
- Demonstrable experience with developer tools like code deploy, code build, code pipeline, design the overall virtual Private cloud VPC environment including server instance, subnets, high availability zones etc.
- Experience in managing onshore team and stakeholders.
- Design and develop cloud-native applications using AWS services such as ECS, EKS, and Fargate
- Develop and maintain cloud infrastructure using AWS services such as CloudFormation and CloudWatch
- Monitor and troubleshoot application performance using AWS services such as CloudWatch.
- Managed provisioning of AWS infrastructures using cloud formation and terraform.
- Responsible for the creation of all Infrastructure/network resources, Security Groups, as well as Nutrisystem-specific IAM objects in each environments/account.

Technical Lead at Sopra Steria, Noida**Oct 2021 – May 2022****Project: Group Tools**

- Working as a Technical Lead wherein I am responsible for handling multiple devops tools and cloud technologies used throughout the organizations.
- Working as an Ops and Support Lead of the tools – Jenkins, Docker, Nexus and SonarQube.
- Helped the team for successful transition of Gitlab and OpenShift tools.
- Handling CAST tool and creating/providing analysis dashboards.
- Strong experience of Jira, Team management and creation of Kanban Boards.

Technology Analyst at Infosys Limited, Bangalore**Mar 2018 - Oct 2021****Project: Cyber SOCX (Security Operational Centres) - Client RBS****Oct 2018 - Present**

- Implementing & managing jobs and pipelines using StreamSets tool.
- Shell programming experience with Bash and Groovy
- Deep understanding of the Linux OS, shell scripts, cron jobs, etc.
- Good knowledge of Apache Kafka and zookeeper.
- Proven ability to pick up new skills and tool sets.
- Experience writing unit test in Jira board for appropriate application coverage required.
- Strong working knowledge of Cloud environment and tools.
- Establishing and running the processes for on-going maintenance monitoring support and security patching of a platform.
- Automating internal day to day activities using shell scripts.

Project: OneSource - Client CITIBANK

March 2018 - Sep 2018

- Utilized java, enterprise, java bean and Apache struts web applications to develop fully automated client management systems.
- Collaborated closely with the vendors and associated third parties to guarantee the full functionality and performance of the website and database management applications.
- Developed JSP web pages integrating HTML, Java & XML elements.
- Wrote unit and integration tests using Junit (TDD), testing and Mockito.
- Utilized agile methodology/scrum (SDLC) to managed projects & team.
- Collaborated with developers to implement solutions, resolve problems & perform code reviews.
- Followed the development best practices such as version control, unit testing, CI, performance and security testing and appropriate documentation.

Application Development Analyst at Accenture Services, Bangalore March 2015 - March 2018

Project: Internal Project

Oct 2017 - March 2018

- Experience working with CICD implementation.
- Proficient with Git and Git workflows.
- Good hands-on knowledge of Source Code Management (Version Control System) tools like Git and Subversion.
- Proficient in developing Continuous Integration/ Delivery pipelines.
- Experience with automation/ integration tools like Jenkins.
- Experience with Docker and workflow management tool - Airflow.
- Knowledge of major cloud service providers, like AWS, Azure.
- Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Experience in Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Database - MySQL administration experience.
- Experience with continuous integrations system such as Jenkins
- Knowledgeable in common SCM practices such as branching and code merge.

Project: IST Tools

Jan 2017 - Oct 2017

- Strong knowledge of HPOO & RESOLVE tools.
- Collaborated with other DevOps engineers to maintain a deployment and management strategy - Assisting with creating and maintaining an automation and monitoring framework - Developing automation using Shell scripting, groovy and PowerShell.
- Creating and implementing application monitoring and logging strategies using tools Splunk.
- Experience in Automation with technical expertise in HPOO & Resolve Tool and experience in installation, patching, customization and configuration.

Project: MHRA (Medical & Healthcare Products Regularity Agency)**May 2015 - Dec 2016**

- Worked in Agile team and developed UI by setting expectations and features priorities throughout development life cycle.
- Worked in AD team and got high level knowledge of the whole application and was handling huge number of changes by performing various operation as per business need.
- Involved in Understanding client requirements and architecture designing.
- Implemented JUnit test cases for DAO layer components.
- Responsible for troubleshooting the problems with configuration issues and issues related to development.
- Technology: Java, Struts, MySQL

Software Developer at Fibsologic Limited, Noida**Sep 2014 - Feb 2015**

- Worked in development team and updated the flow of information in the existing Education ERP System as per the business requirement.
- Involved in understanding client requirements, architecture designing and project development throughout the project's lifecycle.
- Technology used: JAVA & MySQL

CERTIFICATIONS

AWS Certified Developer Associate	2023
HashiCorp Certified Terraform Associate	2022
Microsoft Certified Azure Fundamentals	2021
Infosys Certified Python Associate	2020
Infosys Global Agile Developer Certification	2019
Infosys Certified UNIX professional	2019
AWS Technical Professional Certified	2016

EDUCATIONAL QUALIFICATIONS

Degree	University	Year	Percentage
B.Tech. (Information Technology)	Uttar Pradesh Technical University	2014	74.5
Higher Secondary (XII)	CBSE Board	2010	81
Senior Secondary (X)	ICSE Board	2008	84

PERSONAL DETAILS

Date of Birth	: 1 st August 1993
Nationality	: Indian
Marital Status	: Married
Permanent Address	: L-2568, Gaur City1, Noida
Passport Number	: M6828483
PAN Number	: BMSPG4345P