**Charan** Email**:** **charan4devops@gmail.com**

DevOps & AWS Solution ArchitectPhone: **+91 9160067396**

**PROFESSIONAL SUMMARY:**

* **5+** years of extensive experience as a DevOps, Automation & AWS Solution Architect.
* Experienced in Software Development Life Cycle (SDLC) including requirements analysis, design specification, coding and testing of enterprise applications.
* Experienced in project analysis, gathering user requirements and technical design.
* Experience with CI(Continuous Integration) and CD (Continuous Delivery) methodologies.
* Highly organized, detailed oriented, able to plan, prioritize work and meet deadlines.
* Ability to work directly with all levels of Management to gather user requirements.
* Excellent communication, interpersonal and managerial skills.
* Good presentation and technical writing skills.

**TECHNICAL SKILLS:**

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| **Project Management Tools** | Agile, Scrum, Jira, Slack, Confluence |
| **Virtualization & AMI Build Tools** | Vagrant, Packer |
| **Source Code Management Tools** | GIT, Git Hub, Git Lab,Bit Bucket |
| **Build & Test Fixtures Tools** | Maven, Atlantis |
| **Configuration Management Tools** | Ansible |
| **Continuous Integration Tools** | Jenkins, GitLab CI |
| **Scripting Tools** | Python, Shell Script |
| **Infrastructure Provision Tools** | Terraform,Cloud Formation,Python Boto |
| **Containerization Tools** | Docker, Compose, kubernetes |
| **Monitoring/Log Management** | Cloud Watch,ELK |
| **Cloud Platform** | Amazon Web Services(EC2, VPC, ELB, Auto-Scaling,Route53, IAM,Cognito,RDS,DMS,S3,Glacier,EFS,StrorageGateway,  SNS,Cloud Watch,Code Commit, Code Build,Code Pipeline,  Code Deploy,ECS,EKS,ECR,SystemsManager,  IOT Core,Greengrass,EMR,Lambda,ESS,Kinesis,SQS,  API Gateway,Cognito,DynamoDB,CertificateManager) |

**PROJECTS SUMMARY:**

**(1). Project: WebPT**

**Role:**  Dev Ops Consultant & AWS Solution Architect Apr 2018 to Till Date

**Environment:**

**AWS(Cloud Platform), Terraform, Packer, Docker, Kubernetes, Jenkins, GITLab, GitLab CI, Atlantis, JIRA, WinLog Beats, Slack, Confluence, RDS, Cloud Formation, Cloud Watch, ECS, EKS,ECR**

**Roles and Responsibilities:**

* Follow release process using GitLab CI and GITLab on cloud environment instances.
* Working on multiple services of Amazon-AWS using Terraform,Packer to perform CI/CD pipelines.
* Proficient in Cloud based software development/management tools.
* Worked on Monitoring & Alerting, Infrastructure as a Code, Centralised Logging, Dockerization.
* Using Terraform as an Infrastructure as a Code & Packer for creating customized images.
* Involvement in the discussion to make project infrastructure and process better.
* Releasing of Software Build Release and follow up with client.
* Daily client call, discussing various agendas prepared by client itself.

**(2). Project: BMS**

**Role:**  Dev Ops Consultant & AWS Solution Architect Feb 2016 to Apr 2018

**Environment:**

**AWS IOT, Docker,Compose, AWS Analytics, Lambda, APIGateway, Cognito, DynamoDB, Cloud Formation,ELK,Python Boto, JIRA, Git**

**Roles and Responsibilities**

* Designed use cases and other technical design documentations along with other team members for the Application as per the business requirements followed by Agile (SCRUM) methodology.
* Involved and worked with Object Oriented Programming concepts.
* Working for DevOps Platform team responsible for specialization areas related for Cloud Automation.
* Actively involved in architecture ofDevOps platform and cloud solutions using Jenkins.
* Developed installer scripts using Maven, Python for various products to be hosted on Application Servers.
* Worked on Cloud automation using AWS Cloud Formation templates and Terraform.
* Automated the cloud deployments using Python and AWS Cloud Formation Templates.
* Created Docker images for various applications /Micro Services.

**(3). Project: Cosmos**

**Role:** Dev Ops Consultant Dec2014 to Feb2016

**Environment:**

**Jenkins, Ansible, Docker, Shell Script, Vagrant, Python, Maven, GIT, Nexus, Apache, Java, Tomcat, Jira**

**Roles and Responsibilities**

* Developed build and deployment processes for Pre-production environments.
* Used GIT as source code repositories.
* Managed GIT repositories for branching, merging, and tagging.
* Developed Shell/Python Scripts for automation purpose.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best SCM processes and procedures.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Used AGILE MVN method to develop a build and also MAVEN as a build tool.

**(4). Project: UBS**

**Role:** Build & Release Engineer Nov2013 to dec2014

**Environment:**

**GIT, Shell,Linux Admin,Jenkins, MSBI,Java,J2EE,Apache,Maven,Tomcat,Nexus**

**Roles and Responsibilities**

* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Supported and developed tools for integration, automated testing and release management.
* Verified if the methods used to create and recreate software builds are consistent and repeatable.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Wrote the Modules which are the entry point form provisioning, where the automation is defined through modules using Ruby format. Run Scripts to provision Non-Prod and Prod environments.

**EXPERIENCE:**

* Working as AWS Solution Architect for **R Systems International Pvt Ltd** from Apr2018 to Till Date.
* Worked as Dev Op’s Engineer for **Sysgee Soft Solutions Pvt Ltd** from Feb2016 to Apr2018.
* Worked as Software Engineer for **Accenture Services Pvt Ltd** from Dec2014 to Feb2016.
* Worked as System Analyst for **Sysgee Soft Solutions Pvt Ltd** from Nov2013 to Dec2014.