



# Aris Ajai SA

AWS DEVOPS ENGINEER

## CONTACT

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## EDUCATION

### Indian Institute of Science 2012-2014

123 Anywhere St., Any City  
Master of Engineering (Electrical  
Engg.)

### Anna University 2006-2009

123 Chennai.TN, India  
Bachelor of Engineering (Electrical  
& Electronics Engg.)

## SUMMARY

More than a year of experience working in Designing & Architecting solutions on public Cloud on AWS platform. Highly experience in AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, EBS, CloudWatch, Cloud Trail, Cloud Formation AWS Config, Auto scaling, Cloud Front, IAM, S3, and R53. Good hands-on knowledge of Source Code Management (Version Control System) tools like Git/GitHub. Experience in Linux Administration, Configuration Management, CI/CD, Release Management and Cloud Implementations. Experience with automation/ integration tools like Jenkins.

## KEY AREAS OF SPECIALISM

- Experienced in all phases of the Software Development Life Cycle (SDLC) with specific focus on the build and release and quality of Software and involved with teams that worked on Scrum, Agile Software Development and Waterfall Methodologies.
- Hands on experience with AWS Cloud Platform and its services which includes EC2, VPC, S3, IAM, EBS, ELB, Auto Scaling, DynamoDB, Cloud Watch, Cloud Trail, SNS, SES, SQS, RDS, LAMBDA, Elastic Beanstalk, Route 53, Light Sail, API Gateway.
- Hands on experience in branching, tagging and maintaining the version across the environments using SCM tools like GitHub, Subversion(SVN) on Linux and Windows platforms
- Administered and Engineering Jenkins for managing weekly Build, Test and Deploy chain and GIT with Dev/Test/Prod Branching Model for weekly releases.
- Installed and configured GIT and communicating with the repositories in GITHUB.
- Implemented multiple CI/CD pipelines as a part of DevOps role for on-premises and cloud cloud-based software using Jenkins, Ansible, AWS, and Docker
- Experienced in creating jobs, pipelines in Jenkins also worked with different Jenkins plugins to integrate with different service/tools.
- As a Build & Release Engineer responsible for continuous delivery, working with different teams to deliver high quality applications to satisfy growing customer and business demands.
- Production experience in large environments using Configuration Management tools Ansible, Chef and Puppet.
- Hands on Experience in using Tomcat and Apache web servers for deployments for hosting tools.
- Used JIRA as ticket tracking, change management and Agile/Scrum tool.

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## EMPLOYMENT HISTORY

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**Borcelle Structural Solutions**, Bangalore, Jul 2019 - Present

*AWS DevOps Engineer*

**Clients:** *ebazaar, AppleGreen, Rhapsody Merchandising Services, etisalat*

*Responsibilities:*

- Responsible for effective provisioning, configuration, operation, and maintenance of systems hardware and software and overall infrastructure.
- Responsible for designing fault-tolerant mechanisms for keeping distributed systems healthy, and developing proactive monitoring back to **DevOps** and to the development teams.
- Implemented and maintained a farm of **AWS solutions** using **EC2 instances, ELB's, S3, EBS, Auto Scaling Groups, SNS, VPC and RDS**.
- Developed Cloud Formation templates to launch **VPC's** and instances in the **AWS cloud**.
- Used **IAM** to create new accounts, roles and groups and provisioned Web Servers in AWS and DNS **route53** records types.
- Configured **S3 versioning** and lifecycle policies to backup files and archive files in **Glacier** and configured **Elastic Load Balancers** with **EC2 Auto Scaling groups**.
- Worked on monitoring, setting alarms and notifications for **EC2 hosts** using **CloudWatch**.
- Excellent in setting up monitoring tools like Amazon Cloud watch to monitor major metrics like CPU utilization, Load Balancer Latency.
- Created **Security Groups**, configuring Inbound/Outbound rules, creating and importing Key pairs.
- Implemented **AWS client API** to interact with different services as Console configuration for AWS EC2.
- Managed the developer code using **GIT** and migrated code bases and process to **GIT/GitHub**.
- Built Jenkins for enterprise infrastructure configuration and application deployments & checking out the code from GIT and use **Ant/Maven** to build jar, war and ear-artifacts.
- Automated the build and deployment Process using **Jenkins jobs**.
- Configured various jobs in Jenkins for deployment of Java/Web applications and running test suites and responsible for CI environments.
- Worked on creation of custom **Docker container images**, tagging and pushing the images and worked on creating the Docker Containers and Docker consoles for managing the application life cycle.
- Deployed Docker Engines in virtualized Platforms for containerization of multiple applications.
- Managed local deployment in **Kubernetes**, creating local cluster and deploying application containers.
- Implemented Ansible to manage all existing servers and automate the **build/configuration** of new servers.
- Created database tables that can store and retrieve any amount of data, and serve any level of request using **DynamoDB** and proficiency in multiple databases like MongoDB, ORACLE and MS SQL Server.
- Participated in the release cycle of the product which involves environments like Development QA UAT and Production.
- Installed and configured the infrastructure for DevOps implementation using Jenkins, Maven, Git per requirement, on board the applications in to DevOps infrastructure.
- Responsible for day-to-day management of all Development, Test, Stage, and Production for various enterprise applications.