

# Chaitra D T

## AWS Developer

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### Objective

Experienced AWS Cloud Developer with over 3.6 years of experience in IT Industry. Excellent reputation for resolving problems and improving to contribute to team success through hard work, attention to detail and excellent organizational skills & customer satisfaction. Enthusiastic to work in an environment that provides ample opportunities for my career to expand my skills and knowledge and to be an asset to the organization by constantly adding value to it.

### Profile Summary

- Having 3.6 years of hands-on IT experience in area of design, development, delivery, and **Senior Software Engineer** in **Infovision Labs**.
- Having 3.6 years of hands-on experience on AWS services.
- Work experience on CI/CD and good management skills of deliverables.
- Experience in building highly available, scalable, and resilient infrastructure with a strong focus on security and automation.
- Experience in building Serverless Architecture using AWS services.
- Nodejs development experience with proficiency in all phases of project life cycle right from Requirement analysis, application design, architecture, implementation, testing, Performance Tuning to Production Implementation and Deployment.
- Strong experience in handling Application monitoring, Alerting, Queuing, Deployment etc.
- Experience with Disaster Recovery (DR) in AWS.
- Ability to Understand Migration requirements
- Experience in AGILE model of software development.
- Adapt at working in environments with strict deadlines & multiple deliverables to implement best practices and consistently deliver outstanding results.
- Experience with various IaaS and PaaS features of AWS.
- Strong Experience in objected oriented design, coding, debugging, algorithm skills.
- Ability to balance multiple tasks and priorities in a dynamic environment.
- Multitasking and good interpersonal skills with an ability to interact with a wide range of people.
- Basic Knowledge in DevOps Services & Tools.

### Employment Details

1. Infovision Labs: May 2022 - Present
2. Impetus Technologies: Dec 2021 – May 2022
3. Brillio Technologies: Mar 2019 - Nov 2021

### Technical Skills

- **Cloud Services:** AWS SDK, AWS CLI, Code Pipeline, Code Build, Code Deploy, Code Commit, Lambda, Step Functions, API Gateway, Service Catalog, IAM, CloudFront, CloudFormation, Stack Sets, Route53, RDS, DynamoDB, S3, EC2, Elastic Beanstalk, SNS, SQS, STS, Workspaces, Cloud Watch and CloudTrail.
- Knowledge of DNS, SFTP & FTP protocol and general networking VPC & subnets concepts.
- Working knowledge Atlassian products JIRA, confluence etc.

- Experience with GIT & CI/CD.
- Operating System : **Windows, Linux.**
- Scripting Languages : **JavaScript, NodeJS, Python SDK Programming.**
- IDE'S : **Visual Studio, PyCharm.**
- Cloud Technologies : **Amazon Web Services.**
- Version Control System : **GIT, GITHUB, Bitbucket, SVN**

## Projects

- **Client: BMS**
- **BMS (Bristol-Myers Squibb):**

BMS has multiple teams and disparate applications on AWS platform, on premise and external systems that requires exchange of data at project / application / application user levels.

### 1. Application Transformation using CI/CD & Docker.

- Created Cloud Infrastructure which creates AWS Resources.
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- Integration service to seamlessly migrate files from SVN (subversion) locally to Code Commit using EB worker environment.
- CICD: Code commit, code build, lambda, EB docker, S3.
- Worked on Node.js code deployed on Lambda & code build which helps in building war files and docker file for EB.
- Developed Service Catalog Product which helps users create CICD pipeline only by filling in the mandatory parameters.
- Integrated EB with a proxy server so user needs to pass via authorization client (LDAP) installed inside the server.
- Written Test cases for functionality test to both infra and application.
- Responsible for Deployments and Maintenance of project.

**Technologies:** Nodejs, JSON, AWS, AWS-SDK.

### 2. Cost Optimization Enablement for Lambda Functions.

- Cost Optimization tool is built that monitors the actual usage of the resources and optimize the cost for the AWS accounts, this implementation is done using resource tagging.
- If user has access to AWS account, users will be able to create a resource with some predefined Mandatory tags which will be governed by tag enforcer. If user is not giving mandatory tags for a resource, then resource will get deleted.
- If user is creating lambda functions without giving mandatory tags, then Email Notification will be sent to user. This email notification states that the lambda function is not properly tagged and will go to jailed state for 5 mins after which the lambda will get deleted, and user needs to take action to remediate in 5 mins.
- Worked on Development, monitoring resources & alerting.

**Technologies:** Nodejs, JSON, AWS, AWS-SDK.

### 3. S3 PEOPLE ACCESS CONTROL

- It is website for Project owners where they can onboard the buckets to the portal and give permissions to users by defining the rules.
- Tagging the S3 bucket will onboard the bucket to the system by using event rule functionality and can restrict the validity of access to certain days.
- Giving access to the folders by evaluating against the created rules.
- By edit and Delete admin can restrict the access to the requested folders.
- Involved in architecture design and setting up complete infrastructure, Developed most of the API's required for the portal.

**Technologies set:** Nodejs, JSON, AWS, AWS-SDK.

#### Educational Profile

- **MCA** from Ramaiah Institute of Technology, Bangalore, Karnataka, India in 2018 with **8.63 (CGPA)**
- **BCA** from MMK & SDM, Mysore, Karnataka, India in 2015 with **67%**

#### Additional Skills

- Intelligent to grasp new ideas and ability to bear responsibilities.
- Enthusiastic learner who quickly grasps new concepts and technical skills.
- Always willing to learn and develop new skill sets as applicable.

#### Achievements

- **"Brillio Special Award"** for hard work & dedication towards the Projects.
- **"Brilliant of the Month"** for truly Demonstrating Excellence.

#### Declaration

I hereby declare that the information furnished above is true to the best of knowledge.

Date:  
Place: Bangalore

Signature  
(Chaitra D T)