JORGE ARMANDO TOLEDO

Cloud Specialist, DevOps Engineer, Software Engineer
Huila, Colombia

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I'm a critical thinker, with the ability to solve problems with technology.

Skills

- Good knowledge of technologies in general.
- Proactive in trying to optimize technological processes and save unnecessary resources.
- AWS Cloud Specialist (EC2, ECS, ECR, API Gateway, Lambda, S3, Cloud Watch, RDS, Route53, IAM, KMS, Event Bridge, ALB, NLB, Security Groups, DynamoDB, MWAA, Certificate Manager, SNS, Secret Manager, Inspector, Cloud9, Code Pipeline, Code Build, Code Deploy, Infrastructure as Code in Terraform)
- DevOps Engineer (Bash, Python, Linux, Docker, Docker Compose, Kubernetes, Azure DevOps, JFrog, Jenkins, Gitlab CICD, GitHub Actions CICD, AWS CodePipeline, AWS Code Build, AWS Cloud Deploy)
- Full Stack Software Engineer (Java, Spring Framework, JavaScript, Angular, Microservices, Python, Flask, NodeJS)

Professional Experience

Accenture

– Cloud Tech Architect Delivery Senior Analyst (February 2022 - Present)
- Drive technology decisions within the product domain and make access to AWS Cloud products and services available to customers.
- AWS Cloud (EC2, ECS, ECR, API Gateway, Lambda, S3, Cloud Watch, RDS, Route53, IAM, KMS, Event Bridge, ALB, NLB, Security Groups, DynamoDB, MWAA, Certificate Manager, SNS, Secret Manager, Inspector)
- Terraform Cloud for Business
- Gitlab CI/CD, Gitlab Runner
- Azure DevOps CI/CD, BitBucket, Docker

– Application Development Senior Analyst (October 2021 - February 2022)
- AWS (Api Gateway, Lambda, Step Functions, CloudFormation, EC2, VPC, AWS CDK, IAM)
- Java
- NodeJS/Express
- Docker/Docker Compose
- Azure DevOps

Ceiba Software – Developer Architect (December 2020 - October 2021)

Working with different services in Azure, serverless with Azure Function in Python, Infrastructure as Code (IaC) with ARM, storage of blobs and NoSQL Cosmos DB tables in Storage Account, event triggers with Event Grid and messaging queue with Service Bus Queue. Using Docker images, deploying in test environments with ACI and production environments with AKS (Kubernetes), CI/CD with Jenkins and Azure DevOps, all this to make use of Deep Learning models for image labeling (Yolo V3, Yolo V5, Tensor Flow).

In academic environment working projects with hexagonal architecture in Gradle, Java and Spring Boot, unit

testing (JUnit), integration testing with (JUnit, Mockito), load testing (Apache JMeter), functional testing in Angular (Jasmine, Selenium) and use of Blockchain with Hyperledger Fabric framework implemented in NodeJS and Express.

TOLBAR Technology – Software Developer (June 2019 - Present)

Full stack Front End developer in Angular (Angular Material, Bootstrap, Lazy Loading), Back End in Java (Spring Boot, Spring Security, Rest Services, JPA, Liquibase, Hibernate, JWT, Jasper Reports) and MySQL database (weekly backup) for a project of a school system of certificates and automotive education, user and role management, employee management, card generation, management of student certifications, generation of certificates in PDF, hosted on a physical server Windows Server 2016.

Tecnologías Sinergia S.A.S – Senior Programmer and SRE (January 2020 - December 2020)

Full stack developer, Frontend in Angular, Back End in PHP (Laravel, Eloquent, Query Builder, PostgreSQL, API RESTFull) for ERP project for different education and health companies in Colombia.

Cloud infrastructure management in AWS (EC2, Elastic Beanstalk, S3, RDS, CloudWatch, CodeCommit, Cloud9, CodePipeline, ECR, IAM, Route53, VPC), DevOps (Docker, Docker Compose, Jenkins, JenkinsPipeline, web hooks, Groovy Scripts).

Universidad Surcolombiana – Software Developer (October 2019 - December 2019)

Construction from scratch of a centralized file management service project, developed in Java with Spring Boot (Spring JPA, Spring Web, Hibernate, JWT, Swagger), SQL Server database and deployed on Red Hat Linux server.

THE MAKERS – Developer and SRE (February 2019 - October 2019)

Migration of physical infrastructure to Cloud Computing on AWS (EC2, S3, Elastic Beanstalk, ECR, CodeCommit, CodeStar, CodeBuild, CodeDeploy, Cloud9, IAM, Route53, CodePipeline).
Implementation of continuous integration, continuous delivery and continuous deployment for projects in Laravel and Angular, with development, QA and production environments.

JAVA developer (Spring Framework, Spring Boot, Spring JPA, Spring Web, Spring Security, Hibernate, Liquibase, Jasper Report, OAuth2, JWT), Angular developer (Angular Material, Bootstrap, TypeScript, Lazy Loading).

ELECTRIFICADORA DEL HUILA – Developer Trainee SENA (January 2018 - July 2018)

Analysis, design and implementation of computer inventory management software, Back End Java developer (Spring Framework, Spring Boot, Spring JPA, Spring Web, Spring Security, Hibernate, MySQL) and Front End AngularJS developer (Only using SPA navigation between asynchronous components).

Languages

English (intermediate)

Spanish (native)

Hobbies

- Scientific dissemination
- Video Games
- Computer security
- Ethical hacking