

# NIGEL D'SOUZA

## Principal Software Engineer

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## SUMMARY

- 4+ years of professional experience as a Full Stack Software Developer, in designing and developing AWS architecture, infrastructure, and software solutions
- Good understanding of different SDLC methodologies, such as an Agile methodology, and daily participation in the scrum and sprint planning meetings of the Agile process.
- Proficient in developing front-end systems with HTML, CSS, JavaScript, jQuery, Ajax, JSON, Bootstrap, and ReactJS.
- Proficient in developing back-end systems with cloud computing services such as AWS services through Terraform, micro services, and programming languages such as Node.js (TypeScript) and Java
- Knowledge of using various tools and IDEs for development and design, like Eclipse, Visual Studio Code and Microsoft Visual Studio.
- Knowledge of Use Case Diagrams, Activity Charts, Activity Diagrams, Site Mapping, Sequence diagrams, Data Flow Diagrams, and ER Diagrams using MS Visio.
- Worked with Relational and NoSQL databases such as MYSQL and AWS DynamoDB.
- Adept at Version Control Systems and CI/CD like Jenkins Core, through scripting languages such as Groovy and shell scripts.
- Knowledge of basic unit, integration, and automation testing of developed components with the use of tools such as Jest in Node.js and Selenium in Java

## EXPERIENCE

### The Staffed 360 and Capco

#### Principal Software Engineer (Client: Fidelity Investments)

2024 – Current    USA, TX

- Lead two agile teams, providing technical direction, mentorship, and cross-team alignment to ensure timely and efficient delivery of cloud native solutions.
- Architect and deploy scalable, secure, and modular AWS infrastructure using Terraform, covering services like Lambda, Step Functions, S3, DynamoDB, Batch, and EKS.
- Design and implement backend APIs and microservices using Node.js (TypeScript) and Java (Spring Boot), supporting mission-critical enterprise workflows.
- Manage end-to-end CI/CD pipelines in Jenkins using Groovy, including deployment automation, artifact versioning, and multi-environment support.
- Establish testing strategies using Jest, JUnit, and Selenium to ensure code quality, test coverage, and production reliability.
- Build and maintain reusable pipeline utilities (e.g., for S3 uploads, secrets management, Terraform state handling) to support developer productivity.

### Capgemini

#### Full Stack Developer (Client: Fidelity Investments)

2021 – 2024    USA, TX

- Delivered AWS infrastructure and applications for financial platforms using Lambda, S3, and Step Functions.
- Developed microservices in Node.js and Java (Spring Boot), integrating with native services in the cloud.
- Contributed to CI/CD automation and testing pipelines using Jenkins, Groovy, Jest, and Selenium.
- Collaborated in agile teams to design and release secure, scalable solutions aligned with business needs.

## SKILLS

TypeScript

Java

Terraform

Jest

Selenium

AWS Services

Groovy

Python

React JS

Node js

HTML

CSS

JavaScript

JQuery

Jira

Git

## EDUCATION

### MASTERS IN ENGINEERING MANAGEMENT

#### Trine University

2024 - Ongoing    USA, TX

### MASTER OF SCIENCE IN COMPUTER SCIENCE

#### University of Texas at Arlington

2019 – 2021    USA, TX

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

#### Mumbai University

2014 – 2018    Mumbai, India

## ACHIEVEMENTS

- Google Cloud Professional Cloud Developer Certification
- AWS Certified Developer
- Fidelity Investment Shout-Out Awards