



# LATEEFAT AMUDA

## SOFTWARE ENGINEER

### GET TO KNOW ME

**I am a Software developer who is passionate about solving pertinent problems using technology. Experienced with software development best practices, I convert user stories into well-written, adequately-tested, and efficient lines of code. I don't just develop software, I do so effectively and efficiently.**

### CORE COMPETENCIES

- Proficient in the use of JavaScript and Ruby with experience building RESTful APIs with Node.js (Express framework) and Ruby on Rails.
- Good knowledge of CoffeeScript, TypeScript and jQuery.
- Practical knowledge of Test-Driven Development using Mocha framework with Chai assertion library, Jest, and Jasmine for JavaScript and RSpec and Minitest for Rails.
- Experience working with PostgreSQL, MySQL, MongoDB and SQLite, writing efficient queries and learning database design.
- Proficient with the use of ORMs and ODMs like Sequelize and Mongoose.
- Proficient with the use of Version control tools such as Git, GitHub and Bitbucket.
- Practical experience working with Heroku, Docker, Redis, and AWS EC2.
- Practical experience working with queuing systems like RabbitMQ and Redis Queue.
- Practical knowledge and experience with continuous integration and delivery using TravisCI, CircleCI, and Spinnaker.
- Experience with New Relic, Cloudwatch and Sentry.
- Great communication and time management skills.
- Good knowledge of SOLID principles and Design patterns in JavaScript.
- Proficiency in the use of Object-Oriented and Functional Programming paradigm.
- Experience with Agile methodology using project management tools like Jira and Pivotal Tracker.

### WORK HISTORY

#### Backend Developer

**GETIR, ISTANBUL | JAN 2021 - PRESENT**

- As part of a globally distributed Engineering team, I design and implement features on one of the largest platforms that offer an on-demand, ultra-fast delivery service for grocery items and restaurant food.
- I worked on analysing the services, the data model, business logic, and integration with other services (sync/async).
- Using Jest, I wrote integration tests which increased the test coverage to about 97%.
- I added asynchronous processing to the services by publishing data to SAP using RabbitMQ.
- I worked on creating a custom recovery solution to handle RabbitMQ connection failures on both consumers and publishers.
- On multiple occasions, I added our logging infrastructure using New Relic to our Microservices.
- Technologies used for the application include Node.js (Express), Hapi.js, MongoDB, Mongoose, Jest, New Relic, Sentry, Spinnaker, RabbitMQ, and AWS.

#### Backend Developer

**THE BULB AFRICA, LAGOS | JUN 2020 - DEC 2020**

- I was part of the team building Pace, the leading job site for tech creatives and professionals across Africa, that provides recruitment solutions to make the process of job search and talent hiring easy for both job seekers and employers.
- I built the User management functionality with Express.js and TypeScript to allow employers and admins manage users. Also, implemented the job search and application functionality using MySQL as the persistence layer.
- I worked on the Messaging feature using WebSocket, providing easy and fast in-app communication between employers and job seekers.
- I contributed to the implementation of the meeting and interview feature, which helped employers to schedule meetings and interview sessions with job seekers.
- I added load balancer to the application, containerized the application using Docker and deployed new features using AWS EC2.
- I led and made design decisions for projects, assisted, unblocked and had pair programming sessions and code reviews with junior engineers to ensure adherence to the coding standard.
- Technologies used for the application include Node.js (Express), TypeScript, Sequelize, MySQL, Mocha, Chai, TravisCI, Docker and AWS.

## CONTACT INFORMATION

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## ACADEMIC HISTORY

**Bachelor of Engineering in Civil Engineering**

**University of Ilorin, Nigeria**

October 2012 - September 2017

Second Class Honors - Upper Division

## Software Engineer

**ANDELA, LAGOS | JAN 2019 - APR 2020**

- I worked on a team that built VOF tracker, an internal tool used by Andela, developed to automate the recruitment process and help the Talent team continually identify top talents.
- VOF increased mentors efficiency which brought about a data-driven approach to identifying top software engineers, thereby improving the recruitment process by over 60%.
- Worked in a globally distributed team, implementing the Survey builder feature that helps the pre-fellowship program designer and the bootcamp facilitator set up, schedule, and send out survey questions to pre-fellowship bootcamp learners within the application using Ruby on Rails and Postgres as database.
- Worked on the Pitch automation feature that helps the pre-fellowship program designer automate the pitch phase during the bootcamp program.
- Contributed to the implementation of the Product tour feature which helps create a great onboarding experience for first-time users of the application.
- Built the application with tools like Ruby (Ruby on Rails), CoffeeScript, PostgreSQL, RSpec, Redis, and CircleCI.

## Full-Stack Software Developer

**FREELANCER | FEB 2018 - OCT 2018**

- I was part of the team that built SendIT, a web application that helps users deliver parcels to different destinations.
- I independently developed the frontend and backend of the application using Node.js (Express.js), PostgreSQL, Sequelize, ReactJs, Redux/Redux-Thunk.
- Ensured high confidence in the quality of the systems built using Test Driven Development tools like Jasmine, Supertest, Jest, and Enzyme.
- Integrated CI/CD using Travis and Coveralls, to automate the building and testing processes for code changes.
- I was also involved in a team that built the backend of an internal room management application used across different locations.