Gustavo Adolfo Toledo Barandica

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Professional Profile:

Experienced Full Stack Developer with over 4 years of expertise in building and maintaining software solutions using Java, Spring Framework, and Angular. Proficient in designing scalable, high-performance applications, with a focus on clean code, object-oriented programming, and software architecture. Extensive experience in application and infrastructure migrations, including the migration of AWS infrastructure and API flows to custom Spring applications. Certified in Intermediate to Advanced Java, with a strong focus on developing robust, maintainable software systems.

Skilled in unit testing and mocking frameworks such as JUnit and Mockito, ensuring high code coverage and software reliability. Experienced in developing web applications, microservices, and middleware solutions, with a strong background in relational databases such as Oracle and MySQL. Knowledgeable in cloud technologies (AWS, Azure) with experience in cloud-based deployments and containerized microservices using Docker and Kubernetes.

Adept at working in Agile (Scrum) environments, collaborating with teams to deliver reliable and maintainable systems. Strong problem-solving skills and a commitment to continuous improvement in software development and testing practices.

Professional Experience:

➢ **DEVELOPER CONSULTANT - SOFKA TECHNOLOGIES (August 2024 – Present)**

AREAS OF EXPERTISE:

- Developed and implemented a custom resource server with opaque token for Banco General in Panama, ensuring secure and efficient communication between services.
- Migrated API Connect flow to custom applications on Spring framework, optimizing performance and reducing dependencies on legacy systems.
- Developed middleware application to enable seamless data integration across APIs on the IBM data bus.
- Developed Infrastructure as Code (IaC) templates using AWS CloudFormation, streamlining cloud resource provisioning and management.

Achievements:

- Successfully migrated 80% of API Connect to custom Spring-based applications, improving scalability and performance.
- Ensured over 80% code coverage in unit and integration testing for both the middleware application and resource server, ensuring software reliability.
- Achieved 100% integration among APIs through the middleware application, enhancing data flow and operational efficiency.

Skills:

Java, Spring boot, Angular, AWS, Docker, Kubernetes, Junit, Mockito, Jira, Bitbucket, Jenkins, Python.

- ➤ **JAVA / ANGULAR DEVELOPER - SOPHOS SOLUTIONS (January 2023 – August 2024)**

  AREAS OF EXPERTISE:

  - Service recharge of package is developed for Bancolombia, whose process is the buy of packages of mobile operators in Colombia.
  - Support for the bank's applications "Bancolombia" with AWS, Angular Framework, Spring Framework, and others.
  - Development of unit tests and mocks for Comfama services.
  - Migrated AWS accounts to a new infrastructure with IaC, integrating resources previously configured manually at Bancolombia.
  - Containerized microservices for a white-label project, automating the deployment of the application.
  - Support of bugs for services in the app Cumplimiento for SURA in PL/SQL.

  Achievements:

  - Bancolombia package service with Puntored from development to production.
  - Coverage greater than 80% of app Confama
  - Fixed 100% of reported bugs, improving system stability and performance.
  - Migration of AWS infrastructure accounts 100%.

  Skills:

  Java, Spring boot, Angular, AWS, Typescript, Azure DevOps, Oracle DB, Microservices, Time management, PL-SQ, DynamoDB, Docker, Kubernetes, lambdas, PL/SQL, Junit, Mockito.

- ➤ **SOFTWARE DEVELOPER - JVN TECNOLOGIAS (June 2022 – January 2023)**

  AREAS OF EXPERTISE:

  - Resolved bugs in an e-commerce web application, focusing on improving functionality and user experience.
  - Upgraded software stack, including:
    o JDK 1.7 to 1.8
    o Oracle WebLogic 10.3.6 to 14.1.1.0
    o Oracle Coherence to 14.1.1.0
    o JSF 1.2 to JSF 2.x
    involving significant code refactoring to support new functionalities and remove deprecated features.
  - Migrated Database volumes as part of the Oracle Database upgrade.

  Achievements:

  - Successfully achieved 100% upgrade of software modules and fixed compatibility issues with dependencies.
  - Migrated 100% of database volumes.
  - Achieved compliance metrics for error resolution.

  Skills:

  Java, AWS, JSF, JIRA, Microservices, Time management, WildFly, jboos, PrimeFaces, PL-SQL, Services Web SOAP, Oracle WebLogic, Bitbucket, Oracle database.

- ➤ **FULLSTACK DEVELOPER - INGYTAL (May 2022 – August 2022)**

  AREAS OF EXPERTISE:

  - I worked in the development of a web application for customs control in the Peruvian government, my area of action was in the backend structuring behavior according to the

role, in the frontend I worked making screens according to the supplied mockups. The technologies used for the development of this were Spring Framework and Angular implemented under the architecture of microservices and microfrontends.

Achievements:

- Developed and implemented the role-based access control system for the VUCE application using OAuth 2, configuring user permissions to ensure that system resources and functionalities were accessible according to the assigned role, thereby improving the system's security and efficiency.
- Developed and implemented frontend screens for the VUCE application following provided mockups, using Angular. Ensured a consistent and functional user experience, aligned with design and usability requirements.

Skills:

Angular, Spring Boot, AWS, SQL (PostgreSQL), Keycloak, Maven, Gradle, Micro Frontends (single-spa) y Microservices.

➢ **FULLSTACK DEVELOPER - TOLBAR Technology – (January 2022 – April 2022)**

AREAS OF EXPERTISE:

- A - We developed a service to generate certificates using Jasper Report for a client with up-to-date advice. The technologies used for the development of these were Spring Framework and Angular implemented under the layered architecture.

Achievements:

- The company's certificate module is developed and implemented with Jasper Report 100%.

Aptitudes:

Angular, Spring Boot, SQL (MySQL), Jasper Report, Postman, Spring JPA, Spring Security, Services REST, Git

➢ **DEVELOPER - Stock Gestión Integral SAS – (February 2017 – February 2018)**

AREAS OF EXPERTISE:

- As a Software and Electronics Developer in the Drone area at StockGI, I played an integral role in the design and development of drone solutions. My responsibilities encompassed:

  o Java Software Development: I designed and programmed software in Java for drone control and monitoring. This included the creation of interfaces and functionalities to manage aspects such as battery, signal, altitude, and other critical parameters.
  o Electronic Hardware Development: I worked on the design of specific electronic components for drones, including printed circuit boards (PCB) and sensors. I ensured the efficiency and reliability of these components.
  o Software and Hardware Integration: I achieved tight integration between software and hardware to ensure smooth operation of the drones.

Achievements:

- Application and design for remote parachute launching Drone is developed 100%.

Skills:

Spring Boot, SQL (MySQL), C++, Design 3D, print 3D, Git.

Other work experience:

➢ **ACADEMIC MONITOR - Universidad UNAD (June 2020 –December 2021)**

AREAS OF EXPERTISE:

Algebra, Trigonometry and Analytic Geometry Monitor - 2021
General Physics Instructor - 2020

- Provide guidance material to the course and support students with doubts about exact sciences.

Achievements:

- Provide support material for the courses in the areas to be worked on, facilitating a didactic understanding of the course topics.

Skills:

Exact sciences, office automation, leadership, proactivity, knowledge transfer, time management, etc.

➢ **BIOMEDICAL TECHNICAL ASSISTANT - EMCOSALUD (August 2014 – January 2016)**

AREAS OF EXPERTISE:

- Corrective and preventive maintenance of biomedical equipment.

Academic Background:

[ELECTRONIC ENGINEERING], [4.0/5.0]
[Universidad Nacional Abierta y a Distancia - UNAD]
[Neiva-Huila, Colombia]

Achievements:

- I became an Academic Monitor in the areas of General Physics and Algebra, Trigonometry and Analytical Geometry for 2 consecutive years.
- 75% scholarship for graduate studies.
- I completed postgraduate studies in Information Technology Management.

[INDUSTRIAL AUTOMATION TECHNOLOGIST], [February 2016]
[Servicio Nacional de Aprendizaje - SENA]
[Neiva-Huila, Colombia]

Achievements:

- Represent the department of Huila in the Robotics modality in the national WorkSkills of Colombia.

Complementary Training:

- [UPPER INTERMEDIATE LEVEL AT STRIDE] – [Present, 2024]

- [INTERMEDIATE LEVEL AT STRIDE] – [March, 2023]

- [AWS cloud practioner] – [December, 2023]

- [AWS Partner: Acreditación de economía de la nube AWS - Entrenamiento de negocios] – [December, 2023]
- [AWS Partner: Sales accreditation (Business)] – [December, 2023]
- [Design Patterns] – [Jun , 2024]
- [RESTful APIs and Microservices] – [May , 2024]
- [Intermediate to Advanced Java] – [May , 2023]
- [Unit Tests] – [May , 2024]
- [Curso de Arquitecturas Limpias para Desarrollo de Software] – [September, 2023]
- [Curso de Infraestructura Como Código en AWS] - [Jun-2023]
- [Curso Profesional de DevOps] – [Feb,2023]
- [Curso de Docker] - [Ene-2023]
- [Curso Básico de Jenkins] - [Dic-2022]
- [AWS Technical Essential (Spanish)] – [April,2022]
- [CCNA: Switching, Routing, and Wireless Essentials] – [May, 2022]
- [CCNA Introduction to networks] – [May, 2021]

Summary technologies:

- Spring Framework
- Angular
- JAVA
- AWS
- Azure DevOps
- JSF
- SQL (MySQL, PostgreSQL, Oracle) y PL/SQL
- JIRA
- WebLogic
- Jenkins
- Docker
- Gradle – Maven
- GIT (Gitlab, Github, Bitbucket)
- C++ (Microcontrollers)

Other information of interest:

Availability to travel (passport).

Languages:

English: Conversational level

Spanish: Native