

NICOLÁS PEÑA ARIAS

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EXPERIENCE

JUNE 2021 – CURRENT

SOFTWARE DEVELOPER, HEXACTA S.A.S.

- Engaged in back-end development, utilizing Java and the Spring Boot framework.
- Proficient in creating lambda functions using NodeJS.
- Worked with various databases, including PostgreSQL, DynamoDB, and Neo4j.
- Demonstrated proficiency in AWS cloud infrastructure components (Lambdas, SNS, CW, ECS, CF, APIG, S3, EC2).
- Spearheaded the development of microservices, orchestrating them through Docker images.
- Collaborated effectively within agile teams, implementing the Scrum framework.

OCTOBER 2019 – JUNE 2021

SOFTWARE DEVELOPER, IAS INFRAESTRUCTURA APLICACIONES Y SOFTWARE

- Conducted comprehensive requirement analyses, proposing tailored solutions aligned with client needs.
- Proficient in back-end development, leveraging Scala and the Play framework.
- Executed the development of microservices using Java and the Spring Boot framework.
- Applied the Angular framework for front-end development.
- Contributed to agile team dynamics, adhering to the Scrum framework.
- Operated within a hexagonal architecture, employing domain-driven design principles.

FEBRUARY 2019 – OCTOBER 2019

APPLICATION DEVELOPER, IBM DE COLOMBIA & CIA SCA

- Led requirements gathering processes, proposing client-centric solutions.
- Executed front-end development using HTML, CSS, JavaScript, and jQuery.
- Assumed a leadership role within a Scrum framework-based team.
- Managed IBM WebSphere Portal for the construction and administration of web pages.

AUGUST 2018 – FEBRUARY 2019

INTERNSHIP - APPLICATION DEVELOPER, IBM DE COLOMBIA & CIA SCA

- Designed and implemented automated testing utilizing the Selenium tool.
- Provided front-end support using HTML, CSS, JavaScript, and jQuery.
- Enhanced web page performance for optimized loading times.
- Administered IBM WebSphere Portal for web page construction and management.

FEBRUARY 2018 – MAY 2018

DESIGN AND CONSTRUCTION OF SOFTWARE PRODUCTS COURSE TEACHING ASSISTANT, UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MEDELLÍN

- Designing and expounding the practical class on Ember framework.
- Reviewing and grading tests, texts, codes and, ICONIX graphics.
- Tutoring students on their interrogates.

OCTOBER 2016 – DECEMBER 2016

OBJECT-ORIENTED PROGRAMMING COURSE TEACHING ASSISTANT, UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MEDELLÍN

- Designing and expounded the practical class on Java language.
- Reviewing and grading tests, texts, codes and, UML graphics.
- Tutoring students on their interrogates.

EDUCATION

2012 - 2019

BACHELOR'S DEGREE IN SYSTEMS AND COMPUTER ENGINEERING, UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MEDELLÍN

2015 – 2016

SEMESTER STUDY ABROAD, ADELAIDE-AUSTRALIA, KAPLAN INTERNATIONAL ENGLISH

2003 – 2009

HIGH SCHOOL DIPLOMA, MEDELLÍN-COLOMBIA, INEM JOSÉ FÉLIX DE RESTREPO

SKILLS

- Java
- Spring Boot
- Junit
- Mockito
- Hibernate
- Relational database
- Non-relational database
- Graph database
- Flyway
- Git
- Docker
- AWS

ACTIVITIES

Foreign Language: Native Spanish speaker, intermediate proficiency in English.

Interests: Artificial intelligence, Quantum computing (2020 Quantum computing practitioner), physical activities (2008 – 2009 Practiced hapkido martial art), playing musical instruments (2013 – 2015 Piano), painting (2018 Paint apprentice), reading, cooking, traveling.