

Hector Jones

Junior Software Developer

SUMMARY

Software Developer with a First Class BSc. in Computer Science, skilled in Java and Python, specializing in Spring and Django frameworks respectively. Notable experience includes 11 months developing ETL pipeline microservices and optimizing database queries for SAS Visual Investigator. Demonstrated expertise in DevOps and Data Engineering, evidenced by recent AWS Certified Solutions Architect certification. Proven problem-solving abilities with a track record of technical documentation enhancement and resolving complex communication issues between microservices. Extensive experience in full SDLC and software development best practices. Fluent in English and French, with practical knowledge of Spanish.

TECHNICAL SKILLS

Main Technical Skills	Java (2 yr.), Python (2 yr.), Django REST framework
Programming Languages	Java (2 yr.), Python (2 yr.)
Python Frameworks	Django REST framework
JavaScript Frameworks	Next.js, React
Java Libraries and Tools	Spring Batch
Java Frameworks	Spring Boot
AI & Machine Learning	TensorFlow
Python Libraries and Tools	TensorFlow
Data Analysis and Visualization Technologies	ETL
Databases & Management Systems / ORM	SQL
Amazon Web Services	AWS DevOps, AWS Lambda
Azure Cloud Services	Azure DevOps

Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker, Kubernetes
Version Control	Gerrit, Git
Collaboration, Task & Issue Tracking	Jira

WORK EXPERIENCE

Volunteer, Elderly Care Project

Duration: November 2023 - December 2023

Summary: Volunteering at Residencia Santa Lucia through the Elderly Care project

Responsibilities: Assisted nurses with daily work and provided companionship to residents using Spanish language.

Associate Software Developer, SAS Visual Investigator

Duration: October 2022 - August 2023

Summary: Development and maintenance on ETL pipeline microservices and restructuring of test containers for Jenkins CI/CD pipeline.

Responsibilities: Developed and maintained ETL pipeline features, restructured test containers, conducted database query optimization research, and initiated technical documentation efforts.

Technologies: ETL, Jenkins CI/CD, Database Query Optimization

Associate Software Developer Intern, SAS Visual Investigator

Duration: June 2022 - August 2022

Summary: Implemented solutions for communication between microservices and data-stores, leading to the resolution of a persistent customer complaint.

Responsibilities: Designed and architected communication solutions between microservices and data-stores, conducted presentations, led design meetings, and collaborated with the team.

Technologies: Microservices, Data-stores, Design Architecture

Undergraduate Demonstrator, UG Demonstrator

Duration: January 2021 - April 2022

Summary: Assisted teaching staff and students as an Undergraduate Demonstrator.

Responsibilities: Aided in teaching, provided guidance and support to undergraduate students during lab sessions.

Technologies: Teaching, Guiding, Support

Developer, Various

Duration: June 2021 - August 2021

Summary: Worked on undisclosed projects within Barclays Technology as Developer over the summer period.

Responsibilities: Participated in development activities, which are not clearly



defined in the provided resume.

Technologies: Undisclosed

Food Server, Hospitality Service

Duration: September 2020

Summary: Food Server at CLUB CHATEAU DE CASTELLARAS for a brief period.

Responsibilities: Served food and assisted in the restaurant operations

Delivery Driver, Logistics and Transportation

Duration: June 2019 - August 2019

Summary: Delivery driver for SARL FREEDOM MARITIME over the summer.

Responsibilities: Handled the delivery of goods and services

Technologies: Logistics

EDUCATION

- **Bachelor of Science - BS, Computer Science**
September 2018 - June 2022

CERTIFICATION

- **STCW 95 Basic Safety Training**
- **Powerboat Level 2**
- **Personal Watercraft Certificate of Proficiency**
- **GMDSS Radio Operator's License - DO**
- **AWS Certified Solutions Architect - Associate**

