

JOB DESCRIPTION

Title of position	Backend Engineer (Python)
Contract type	Fixed Term Contract
Department	Data CoE, APAC
Reporting to	Head of Data CoE, APAC
Job description date	13 th December 2021
Position opening start	13 th December 2021

Position Summary

Natixis is a French multinational financial services firm specialized in asset & wealth management, corporate & investment banking, insurance and payments, and a subsidiary of Groupe BPCE, the second-largest banking group in France. In APAC Data CoE, we build enterprise-grade tech products to contribute to business growth and improve operational efficiency regionally as well as globally for Natixis CIB.

As a Backend Application Development Engineer, you will work closely with a fully decentralized international team (spread across APAC) of Data Scientists, Data Engineers, UX Engineers, Product Managers, but also with business stakeholders and Fintech partners. You will design, implement, test, and deploy software applications using modular microservice based architectures leveraging on hybrid data model with SQL and NoSQL. And most importantly, you will be the subject matter expert on enterprise software development industry standards. In CoE, we hire people with a broad set of technical skills, ready to take on the most complex technology challenges to solve business problems in one of the most demanding, niche, and sought-after industries – Corporate and Investment Banking.

Main responsibilities and duties of the role

- Design and lead end-to-end backend development of enterprise-grade web applications
- Define optimized schemas and data models for scalable implementation of a solution
- Perform ETL on large and complex datasets and build tools to facilitate fast data cleaning and analysis
- Continuously integrate new features into existing applications and products
- Influencing and advocating engineering excellence with industry best practices around reusability, stability, reliability of the whole CICD pipeline
- Work closely with APAC CDO and coordinate with a fully decentralized team across different locations in APAC and global HQ (Paris).

Technical skill requirements

- Expert in Python programming especially developing microservices for scalable applications
- Expert in both SQL (MS-SQL / SQL Server / Oracle) & NoSQL databases (MongoDB)
- Expert in Python-based API frameworks such as FastAPI, Flask, Django

- Well-versed with concepts like containerization (Docker, Kubernetes, OpenShift), workflow management (AirFlow), streaming data (Kafka or Spark Streaming), CI/CD pipeline (Jenkins)
- Experienced in shell scripting and writing schedulers
- Strong knowledge of data security best practices
- And most importantly, you must be a passionate coder who really cares about building apps that can help us do things better, smarter, and faster

Job Qualification (education, years of experience and other soft skills)

- 5+ years of relevant experience in Python development
- Strong understanding of microservice architecture and containerization technology
- Ability to take ownership and deliver within timelines
- Effective written and verbal communication skills
- College degree / specialization is NOT a necessity