

## JOB DESCRIPTION

<b>Job Title</b>	Software Engineer DevOps
<b>Permanent or Fixed Term</b>	Permanent
<b>Dept. and Location</b>	I&O > Tools and Automation – Paris
<b>Reports to</b>	Head of Tools and Automation

### Euronext

Euronext is the leading pan-European exchange in the Eurozone with nearly 1,300 listed issuers worth close to €3.3 trillion in market capitalisation as of end December 2016, an unmatched blue chip franchise consisting of 25 issuers in the EURO STOXX 50® benchmark and a strong diverse domestic and international client base. Euronext operates regulated and transparent equity and derivatives markets. Euronext also leverages its expertise in running markets by providing technology and managed services to third parties. Euronext operates regulated markets, Alternext and the Free Market; in addition it offers EnterNext, which facilitates SMEs' access to capital markets.

The IT entity provides end-to-end technology support across the Euronext business, comprising of circa 300 staff primarily located in Porto, Lisbon, and Paris.

IT has a core responsibility for developing, supporting and protecting the key trading applications of UTP, CCG and XDP, in addition to the surrounding applications. In infrastructure, IT is responsible for Data Center management including all hardware, such as server & storage equipment right through to end user computing, such as desktops, phones and blackberries. IT is also responsible for protecting Euronext systems from cyber-attacks and data theft.

IT is not only internally facing but provides solutions to the wider market. Examples include development and support of Sigma X (Goldman Sachs) and Alpha Y (Soc Gen), ATSB and Warsaw.

### Job Summary

Euronext is looking for top technologists to join our Tools & Automation department and help drive the future of our trading platforms. You will be working with highly motivated and talented engineers with quality, performance, and scale in mind at every step of the way.

You will be involved with building and supporting critical software and services that provide monitoring of trading platforms, testing solution, conformance testing and nonfunctional monitoring to name a few. Our core belief is that customers (internal and external) are our number one priority so we work hard to deliver value back to them with everything we do. We believe strongly in team ownership of systems, which includes defining the vision of the services to prioritization of projects.

This role offers challenges across a wide variety of projects and responsibilities, including the opportunity to influence the future direction of the department and systems used across the business.

This job description is only describing the main activities within a certain role and is not exhaustive. It does not prevent to add more tasks, projects.

To apply for this role, in addition to having a proven software engineering background and passion you must also have proven testing capability and a track record in “DevOps” culture to maximize quality of the delivery. You will be joining a team of diverse skills and experience and the job requires a motivated individual who is experienced in taking responsibility and can independently deliver results on both departmental and business projects.

### Key Accountabilities

- Exercises leadership in designing, coding, testing, debugging, configuring, and documenting software. Primary contact / go to person for application / system knowledge
- Operates effectively in a dynamic, multi-tasking environment while leading diverse resources
- Excellent understanding of project estimating and ability to communicate issues and risks that might impact development timeline, budget or resources
- Delivers consistently projects on time and on budget
- Interacts with out-sourcing vendors and staff to complete development projects
- Applies expert Object Oriented design and programming skills
- Serves as a front-line lead for application support, focused on the client
- Applies generally accepted programming standards and techniques to assure efficient program logic and data manipulation
- Plans proactively and executes software version upgrade releases and custom interfaces.

### Knowledge, Skills and Experience Required

#### Experience

- Engineer with a 5 years of advanced development experience minimum
- Experience with Python and C/C++ is a plus
- Practical experience in designing low latency multithreaded applications
- Nice to have: experience with Docker ; AWS Cloud ; Ansible

#### Profile and Skills

- Proficient in designing and developing backend Java applications
- Very nice to have: AngularJS, JQuery, JavaScript, HTML5/CSS
- Curious mindset that have led you to learn new technologies like Elasticsearch, Kibana, Grafana, InfluxDB, Kapacitor, Go language, Big Data, Micro-services architecture...
- Strong familiarity with Git source code version management
- Proven experience and interest in unit testing and test automation
- Efficient Linux skills required
- Proven ability to design and architect next generation applications
- Familiar with DevOps concepts (continuous integration, automated testing and automated deployment)
- Excellent personal organization and ability to prioritise and carry out multiple tasks
- Able to influence and drive projects to meet key milestones and overcome challenges
- Excellent problem solving and critical thinking skills
- Apparent ability to be confident, pragmatic, tenacious and work with limited supervision
- Fluent English

## Euronext Values

### Unity

- We respect and value the people we work with
- We are unified through a common purpose
- We embrace diversity and strive for inclusion

### Integrity

- We value transparency, communicate honestly and share information openly
- We act with integrity in everything we do
- We don't hide our mistakes, and we learn from them

### Agility

- We act with a sense of urgency and decisiveness
- We are adaptable, responsive and embrace change
- We take smart risks

### Energy

- We are positively driven to make a difference and challenge the status quo
- We focus on and encourage personal leadership
- We motivate each other with our ambition

### Accountability

- We deliver maximum value to our customers and stakeholders
- We take ownership and are accountable for the outcome
- We reward and celebrate performance