

---

## About the company

---

QPlox Engineering is a leading technology company specializing in innovative solutions for IoT frameworks, instrumentation systems, and test automation. Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, and consumer electronics. We are committed to pushing the boundaries of technology and providing our clients with cutting-edge solutions. Our dynamic team thrives on collaboration, creativity, and continuous learning.

---

## Job Description

---

We are looking for a skilled **Software Engineer (Python)** to join our team and contribute to the development of a flexible lab setup. This environment operates with task-based control to manage **operators, robots, cobots, and logistics devices**—ideally in a brand-independent manner.

### Key Responsibilities

- Work with an advanced architecture designed to handle flexibility and complexity.
- Develop and manage various software modules responsible for:
  - Direct control of physical resources.
  - Coordinating tasks within a work cell.
  - Verifying task execution.
  - Monitoring progress.
  - Managing additional operations like tool changes when required.
- Ensure real-time tracking of all resources for optimal utilization.
- Facilitate communication between software components using:
  - Direct class integration.
  - MQTT communication.
  - REST API calls.
- Analyze and synthesize project requirements.
- Program in Python, focusing on efficiency and reliability.
- Debug, test, and deploy code using a **GitHub- and Docker-based pipeline**.
- Collaborate closely with a **multidisciplinary team of software and hardware engineers**.
- Deliver **reusable and well-documented** code.

Location: Flemish Region, Belgium

---

---

## Candidate Requirement

---

- At least 8 years of experience in software development, with a strong focus on Python programming.
- A clear motivation and strong interest in the proposed project.
- Professional communication skills in **both Dutch and English, both written and spoken.**
- Experience in mentoring and collaborating with junior colleagues.
- Availability to work on-site at least three days per week.

---

## Benefits

---

- Competitive salary and benefits package.
- Opportunities for professional growth and development.
- Collaborative and innovative work environment.
- Fixed term contract.
- Plenty of learning opportunities.

---

## Contact

---

Send your CV and application letter detailing their experience and qualifications to [jobs@qplox.com](mailto:jobs@qplox.com) with the subject "**Software Engineer Python**".

---