

FULL STACK DEVELOPER

You're interested in working at the forefront of IoT? Are you comfy with a Full-Stack environment including hardware, test, middleware and data visualization and happy to give things a go? Do you have a great understanding of each of the stack components, IoT applications in general and what users may want and can you deliver well-functioning architectures?

You'll be interested in this job because you're already working with IoT development and you have a good grasp of what it takes to get the full stack running smoothly but you need a new challenge?
Is Pycom where you go next?

Our DNA: a fast paced, growing IoT tech company with a great team, exciting portfolio and a fast-growing 300k+-strong community of developers and enterprises craving our solutions.

Our Customers: a growing number of developers, enterprises and education establishments in over 83 countries.

Our platform: conventional Internet of Things platforms has nothing to do with what we deliver. The Pycom Exchange which includes device management middleware, network management, IoT App Store and much more is a brand-new way to deliver IoT Services, connecting smart devices and their data to the places and people that matter.

What you'll do

We have a unique Internet of Things portfolio of IoT Modules with a need for a beast of a management platform which we've started building and which you will help put together. This position includes (but is not limited to):

- Designing and building the layers of an IoT portal stretching from back to front-end
- Influencing our direction and using your skills to overcome challenges fast
- Collaborating with the other Pycom teams to give feedback adjacent activities and systems and taking the lead on defining visionary new features

What we need from you

- A degree in computer science or other related area

- Good back-end JavaScript skills: mongoDB, Node.js, Express
- Experience in creating REST APIs
- Good front-end JavaScript/HTML/CSS skills: Pug, jQuery, Bootstrap
- Familiar with Git
- Knowledge of prototyping and OOP concepts
- Knowledge of unit testing and mocking, preferably in JavaScript • Comfortable with macOS and its terminal (Bash, grep, etc.)
- Security-awareness

The following technical skills are a plus:

- Experience with Redis or similar Experience in D3.js
- Knowledge of Python 3
- Experience in cloud API integration (AWS, Azure, etc.)
- Familiarity with IoT protocols (MQTT, CoAP, LoRA, SigFox, etc.)
- Good experience with Object Oriented Programming and web application development
- Experience with cloud deployment, network diagnostics, data analytics
- Experience/ knowledge in machine vision, connectivity or security protocols;
- Agile software development; Prototyping

Your duties will include

- Front-end: Build website layout/user interface by using modern and design practices. Back-end: Develop the systems to manage devices and the data they generate.
- Maintain, expand, and scale our services as required. Keep up-to-date with emerging technologies and industry trends and put them into practice
- Prepare and maintain software documentation. Produce well designed, testable, efficient code by using best software development practices with various projects we have, depending on your skill set and interests you can also develop skills in machine learning and hardware prototyping.

Working at Pycom

- You'll be working with a team of super smart, passionate and international people
- You'll be surrounded by a portfolio of disruptive propositions that amongst others leverage MicroPython
- Your place of work will be our new cool offices located in Eindhoven
- You'll be connected to a network of eco system partner companies from all over the world
- You'll have knowledge sharing from the best developers and entrepreneurs in the IoT industry

If you like what you've just read then challenge yourself by sending us your CV, salary expectations and possible start date to jobs@pycom.io.