

Bedrijfsgegevens



ASML Netherlands
B.V.

De recruiter



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Senior Test Automation Engineer

Functie	Senior Test Automation Engineer
Locatie	Veldhoven
Uren per week	36 uren per week
Looptijd	10.07.2022 - 10.07.2025
Opdrachtnummer	106683
Sluitingstijd	10.07.2025

Rolomschrijving en taakafspraken

Introduction to the job

At ASML we like to make the impossible possible. Our lithography technology – which uses light to print tiny patterns on silicon – is fundamental to mass producing semiconductor chips. With it, the world's top chipmakers are creating better performing, cheaper chips. In fact, ASML's technology is probably used for the device you're using right now!

We design and engineer machines that are on the cutting edge of technology. These machines do things like beaming a tiny droplet of tin with a powerful laser so it turns into plasma and as a consequence emit just the frequency of light that we need. That is requiring complex hardware and of course complex software and software development environments. We are searching for the brightest minds on the planet to help us achieve our mission.

Role and responsibilities

Introduction

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Job Mission

Designing and building complex software requires state of the art software tools. That's what we do at IT Product & Technology Software Innovation: using the Scaled Agile Framework way of working to provide a world class development environment with efficient pipelines to our embedded software engineers. Making sure software can be stored, edited, validated, automatically tested, built and deployed across all our software stacks and machines. Extending and transforming the existing IDE into a world class environment by continuously innovating and introducing new tools to like GitHub Actions, Bazel, Docker, Kubernetes and much more. Our goal? That our magic empowers our embedded colleagues to do their magic. Does this sound exciting to you? Do you find our challenges motivating and do you like to become part of the success story of ASML? Then this is an opportunity for you to apply!

Our Tech Stack

#python #ruby #jenkins #github #githubactions #subversion #svn #cucumber #bazel #gradle #jira #jiraalign #buildbuddy #kubernetes #docker #artifactory #puppet #linux #rpm #azure #gcp #googlecloud

Responsibilities

You will be responsible for driving software faults to zero from an automated test-based approach, while help improving the test competence within the department. This consists of several aspects on which you will focus:

Develop test automation scripts and implement them as part of our CI/CD pipeline;

Assist in manual testing if required by the team;

Review test-related deliverables, observe automated regression test results, first analysis, follow-up actions, bug advocacy.

Continuously improve the test automation framework/architecture in close cooperation with the test architect and the teams;

Help drive the competence of automated testing within IT P&T Software Innovation and be a sparring partner for architects and teams;

Be part of the ASML software test community and be a representative of the IT Product & Technology Software Innovation in that community.

Education and experience

-Bachelor degree in a technical domain. Software Engineering or Computer Science or equivalent is considered a plus;

-5+ years of experience with automated software testing, preferably in a technical environment;

-ISTQB Foundation or TMap Next certification is a must; ISTQB Advanced Test Analyst or ISTQB Advanced Technical Test Analyst certification is a plus;

-Software development experience, preferably in Python;

-Solid understanding of Software Testing principles;

-Experience with CI/CD and DevOps is a must;

-Experience with test automation frameworks;

-A team player with good communication skills;

-Experienced in working in a true Agile environment;

-Driven to improve yourself and keep on learning;

Skills

Working at the cutting edge of tech, you'll always have new challenges and new problems to solve – and working together is the only way to do that. You won't work in a silo. Instead, you'll be part of a creative, dynamic work environment where you'll collaborate with supportive colleagues. There is always space for creative and unique points of view. You'll have the flexibility and trust to choose how best to tackle tasks and solve problems.

To thrive in this job, you'll need the following skills:

-Fluent in English, both in speaking and writing.

Diversity & Inclusion

ASML is an Equal Opportunity Employer that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, national origin, veteran status, disability, sexual orientation, or gender identity. We recognize that diversity and inclusion is a driving force in the success of our company.

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