

Driving decarbonization and digitalization. Together.



Automation Engineer (f/m/div)

Job description

Infineon Bristol is creating a brand-new team responsible for Infrastructure, Methodology, and Automation. We are seeking two passionate automation engineers to take the lead in revolutionizing automation engineering, driving innovation, and fostering collaborative efficiency. If you are a driven engineer with a fervor for automating and making engineers' work lives simpler, we invite you to embark on an exhilarating journey with us. Are you excited about the prospect of working in a dynamic multinational environment where you can leave your mark? If so, this is the perfect opportunity for you.

As an Automation Engineer, you will play a pivotal role in optimizing and refining automation processes within a professional development environment. Your responsibilities will encompass a diverse range of tasks, including enhancing existing automation scripts, collaborating with automation servers, exploring innovative solutions, aligning with IP developers' needs, contributing to development environment enhancement, and providing mentorship to team members.

In your new role, you will:

- **Enhance and improve existing automation scripts** to streamline processes and improve efficiency within a professional development environment;
- **Utilize automation servers** such as Jenkins (primary focus) and GitLab, collaborating with build agents both in and outside remote in compute farms to facilitate continuous integration and deployment;
- **Explore and evaluate various solutions to address unique use cases**, ensuring the selection of the most suitable options to meet specific requirements;
- **Align with the needs of our IP developers to develop tailored automation solutions** that enhance their workflow and productivity;
- Contribute to the enhancement of our development environment and processes, **driving continuous improvement** in our development practices;
- **Provide mentorship and guidance to team members**, fostering a collaborative and knowledge-sharing environment to elevate the collective expertise of the team.

Profile

You are a proactive problem-solver who eagerly embraces challenges. You thrive in a fast-paced technical environment, always seeking new opportunities to innovate and optimize processes for your team and the company as a whole. When confronted with complex automation tasks, you approach them with a composed and focused mindset, making well-informed decisions with confidence and precision. You understand the

At a glance

Location:	Bristol (United Kingdom), Dublin (Ireland)
Job ID:	HRC0710124
Start date:	as soon as possible
Entry level:	3-5 years
Type:	Full time
Contract:	Permanent

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0710124**

www.infineon.com/jobs



Contact

Luis Oliveira
Recruiter



critical impact of small errors in automated systems and therefore prioritize meticulous attention to detail, ensuring that all automation processes are executed accurately and efficiently.

You are best equipped for this role if you have:

- **PhD, Master's, or Bachelor's degree in STEM** (Science, Technology, Engineering and Mathematics);
- **At least 3 years of experience as an automation engineer** of design/verification infrastructure and processes;
- **Strong foundational knowledge in Concept, Design & Verification tools and flows;**
- **Advanced knowledge** and hands-on experience in Python (primary focus) and Perl;
- **Expertise using version control systems** like Git (primary focus), Bitbucket and ClearCase;
- Proven experience in **writing comprehensive technical documents;**
- Hands-on experience with **planning and ticket systems** such as Jira or similar;
- **Fluency in English.**

It is an advantage if you also have knowledge of:

- Machine Learning;
- Automation Servers such as Jenkins, GitLab, or Azure DevOps;
- Unix Shell-Script, e.g. tcsh, or bash.

Please send us your CV in English.

Benefits

- **Bristol:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor ; Flexible working conditions; Part-time work possible (also during parental leave) ; Sabbatical; Medical coverage; Labor gymnastics; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; IFX Success Bonus and Spot Awards; Accessibility, access for wheelchairs
- **Dublin:** Coaching, mentoring networking possibilities ; Wide range of training offers & planning of career development; Different career paths: Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; Health promotion programs; On-site Kitchen available ; Company Sick Paid Leave Scheme; Company Pension Scheme ; Annual Success Bonus Scheme; Monthly Commuter Ticket fully expensed by Company ; Accessibility, access for wheelchairs ; Possibility to work remotely from abroad (EU)

Why Us

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.



– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

The **ATV division** is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make green mobility smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive microcontroller and software portfolio. The three major product families, AURIX, TRAVEO and PSoC, provide the newest innovation in performance, connectivity, power consumption, safety and security.

We enable the latest advancements in the dynamic automotive market, such as vehicle electrification, automated driving and driver information & interaction. Being at the core of transformation, we pave the way for new technologies, such as artificial intelligence and dependable computing, as well as higher levels of connectivity, security and user experience. So, join us to create a better future together.

[#AutomotiveMicrocontroller](#)

– At Infineon UK we highly appreciate and value diversity within our workforce –

At our Design Center in Bristol, we hire the best in class engineers to develop the next generation Embedded Automotive Microcontrollers. Our Sales professionals and Field Application Engineers located all across the UK join forces to provide best in class solutions for our customers applications. Typically, they form part of a Global Account Team.

At Infineon's Redhill Design Center our focus is on developing semiconductor packaging solutions for a broad range of applications. We develop solutions for all of Infineon's business units along with our manufacturing partners located across the globe.

Together we hire engineers with a science/engineering background and provide them with opportunities to develop their careers and skill sets through a combination of training, exposure to subcontractors and involvement in advanced development projects. Our scope of activities goes from the development of Embedded CPUs and ADAS solutions to the packaging of products - we operate across all four divisions of Infineon!

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

