



## Student Job: Software Development CI/CD (f/m/div)

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### Job description

Performance crucial. Memory scarce. Challenge accepted. Start your Career at Infineon. In this student job you will work on the automation of the software development process. In a successful Continuous Integration (CI), new code changes are regularly developed, reviewed, and merged into a common repository. Continuous delivery (CD) typically means that changes in the code are automatically tested for bugs. You are versed in Object Oriented Software development, Test Driven Development and the programming language Python? Then we should get in touch! Our team in Munich is looking forward to receiving your application.

In your new role you will:

- Integrate **existing test application(s) with Jenkins** using an **abstraction layer approach** developed in Python
- Develop **software libraries** for our product portfolio
- **Test the implementation** and prepare it for the **rollout**
- Create **software examples and applications** based on the developed libraries
- Use the developed software to **create new applications**
- Contribute to **improve our development environment and flow**
- **Document** your work

### Profile

You are best equipped for this task if you:

- Are currently studying **Computer Science, Information Technology** or a related subject
- Have **knowledge in Object Oriented software development (OOP/ OOD), Test Driven Development (TDD) and in Development of portable Software** in Python (Linux, Windows, MacOS)
- Are **experienced** in programming language **Python**; C/C++ is a plus
- Have **sound expertise in Unix Shell scripting** and are experienced with Git, Bitbucket, Gerrit or Jenkins is a plus
- Are **fluently speaking English**, with German being a plus

Please attach the following documents to your application:

- CV in English

### At a glance

Location: **Munich (Germany)**  
Job ID: **358051**  
Start date: **as soon as possible**  
Entry level: **0-1 year**  
Type: **Part time**  
Contract: **Temporary**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **358051**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Silke Jaschik**  
Student Attraction Manager



- Certificate of enrollment at university
- Latest grades transcript
- High school report

Additionally, the following requisites apply for working students:

- **You must be enrolled and not on academic leave:** Proper students (according to German law) are warmly welcome!
- **You should live close to the site:** More than 150 km distance is not recommended for a working student job due to the travel.

## Benefits

- **Munich:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; Access for wheelchairs

## Why Us

**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

The central R&D organization „**Design Enabling and Services**“ (DES) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high level system models to verified products ready for manufacturing.

*\* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

