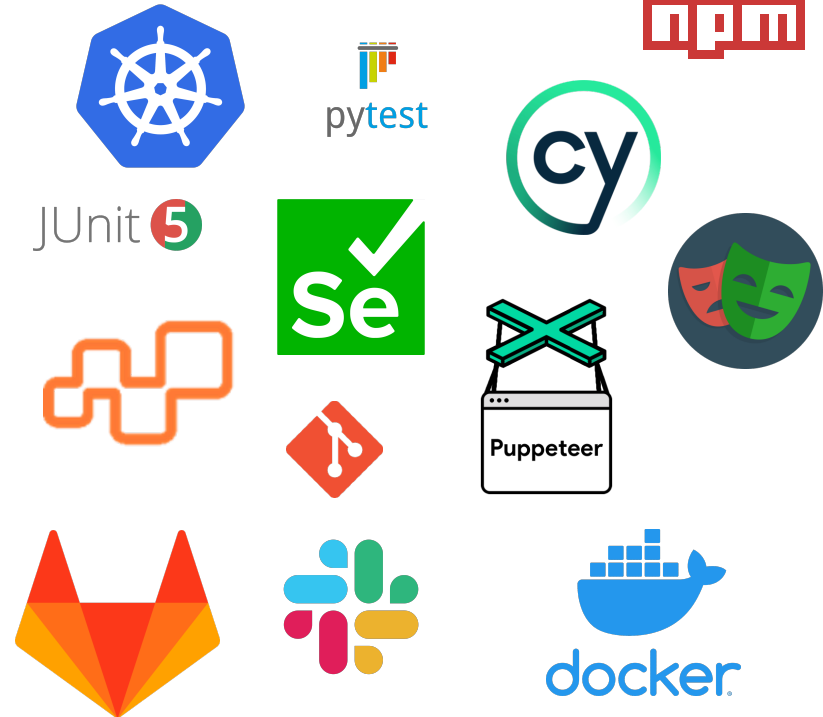


# Robust DevOps: Exploring Stability Factors for UI Tests

We will start at **3:02** pm.



Slides will be published here:  
<http://go.tum.de/517302>



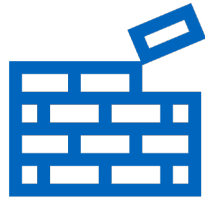
# DevOps – Where does it come from?



Idea



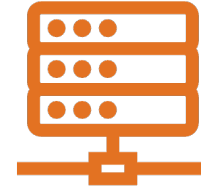
Plan



Build



Test



Deploy



Maintain



Development

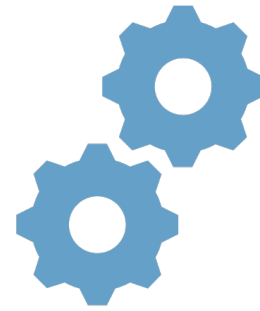


Operations

## DevOps – Practices according to [Atlassian](#)

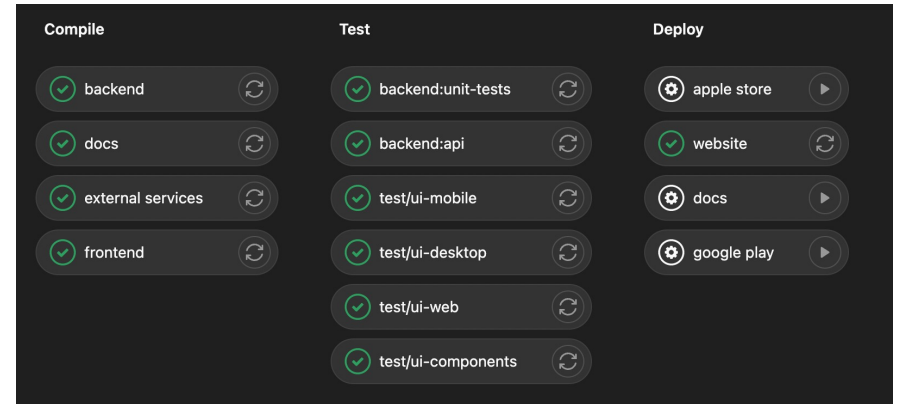
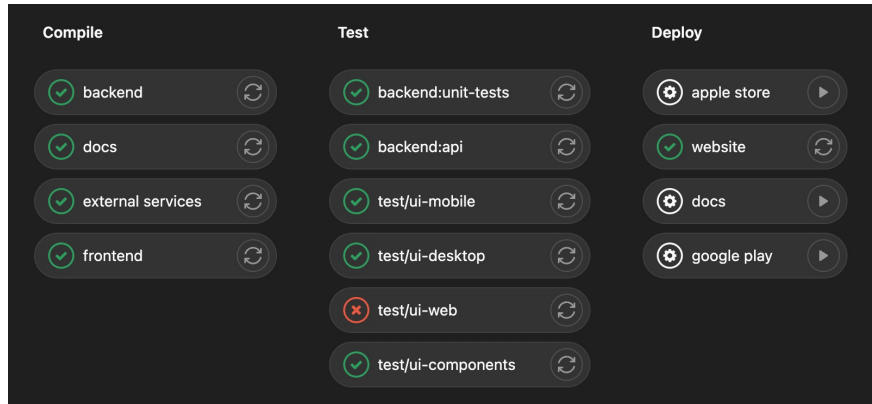


Shift left with CI/CD



Implement automation

# DevOps – What hinders efficient CI/CD?



## How much does a Full Stack Developer make in Munich, Bavaria?

Updated Aug 21, 2022

Experience

0-1 Years

Industry

All industries

**€57,974** / yr

 Very High Confidence

Total Pay



 Most Likely Range  Possible Range

## How much does a Devops Engineer make in Munich, Bavaria?

Updated Jan 22, 2023

Experience

0-1 Years

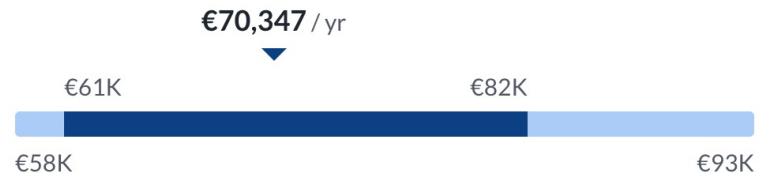
Industry

All industries

**€70,347** / yr

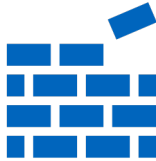
 Very High Confidence

Total Pay



 Most Likely Range  Possible Range

# Why you should apply



Learn fundamental skills for  
DevOps including modern CI/CD  
toolchains



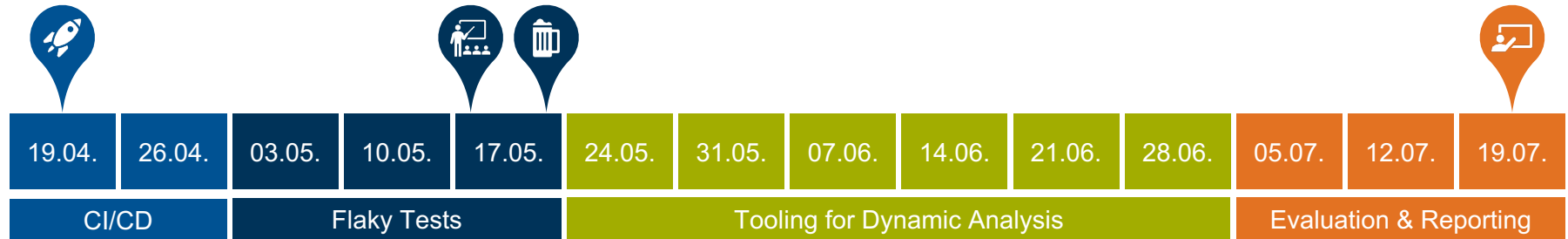
Develop solutions based on  
cutting-edge research to a  
problem all major tech  
companies face



Work in a team

# How is the practicum structured?

Preliminary plan



We will meet in person every Wednesday at 2 pm in Garching

# Prerequisites

## You are

- Bachelor's or Master's student

## Experienced in

- version control (Git)
- Unix, using command line interfaces and Docker
- programming (e.g., university course, personal project)



## Grading (tentative)



# How can you participate?

## TUM Matching Tool (until 14.02.)

downmatching.das.in.tum.de

Proseminar WS16/17

First name

Last name

E-Mail

Matriculation number

Current type of study

Current semester

Type of study in the next sem. if different from current

How close it is to you?

Sort the options

Sort the options

Options

1 Proseminar: How to make a Final Movie (H001S)

2 Proseminar: Algebraische Methoden und Algorithmik in der Kryptographie (H001S)

3 Proseminar: Beweis (Arithmetik, Zahlentheorie) (H001S)

4 Proseminar: Teaching (H001S)

5

6

## Registration Form

General Information

Last name

First name

Email

Study program

Bachelor/Master

Please enter here the degrees you are currently pursuing, not the degrees you already received.

Current semester

Your Motivation

optional: CV (as .pdf)

optional: grade report (as .pdf)

Miscellaneous

Miscellaneous:

Special skills or experience

Your Projects

Declaration of consent (see below)

Submit application

# Conclusion

- Work on a major problem that all big technology companies face
- Apply new methods from cutting-edge research
- Learn fundamental skills for DevOps including modern CI/CD toolchains

Slides and application form



<http://go.tum.de/517302>