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

Total Pay

Very High Confidence

€48K
- €60K

€46K
- €61K

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

Total Pay

Very High Confidence

€61K
- €82K

€58K
- €93K

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

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<th>You are</th>
<th>Experienced in</th>
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<tr>
<td>• Bachelor’s or Master’s student</td>
<td>• version control (Git)</td>
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<td>• Unix, using command line interfaces and Docker</td>
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<td>• programming (e.g., university course, personal project)</td>
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Grading (tentative)

75% Practical Work

25% Reporting
How can you participate?

TUM Matching Tool (until 14.02.)

Registration Form
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