You are a creative, committed person and want to gain job experience alongside your studies? You want to learn about the interplay between research results and business applications?

Apply now!
The **Fraunhofer Institute for Applied Information Technology FIT** in Sankt Augustin has a vacancy for a

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Student Assistant (M/F/D) – DevOps & Full Stack Developer

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As a member of the Human-Centered Engineering and Design department you will support us in DevOps activities in ongoing research and innovation projects. Your responsibilities will also involve developing innovative solutions to automate the recurring processes and additional real-world DevOps challenges. The position is available immediately.

Your tasks include:

- Operational management and maintenance of system components
- Deployments connecting various IoT platforms
- Provision of technical, administration and operational support to the users of the system

We would be pleased to see results of your research work at FIT also appear in your master's or bachelor's thesis, and we are happy to support that.

What you bring to the job:

- Bachelor's degree in Informatics, Computer Science/Engineering, Information Technology, or a related subject
- Experience in one or more of the following technical skills:
    - Experience with Web technologies and software architecture (e.g., Web APIs, microservices, REST over HTTP and other architectural styles and protocols)
    - Knowledge and use of agile methods and DevOps processes and tools (e.g., Docker, CI/CD, Git, …)
    - Experience with software development and relevant programming/scripting languages (e.g., GoLang, Shell script, JavaScript, Python, Java, …)
    - Knowledge and use of the Pub/Sub communication pattern and protocols such as MQTT, AMQP would be a Plus
- Excellent writing and communication skills in English as well as the ability to work in a team
- German language skills would be a Plus
- Self-initiative and results-oriented approach to work

What we offer:

- A working atmosphere characterized by innovation and collegiality
- Exciting projects that help you prepare for challenging future jobs
- Flexible working hours tailored to your schedule (maximum of 19 hours/week)

- Insights into the application of IoT, Big Data and Cloud Computing technologies in the fields of Industry 4.0 and Smart Manufacturing
- Focus on Web-based software architectures and applications
- Guidance by experienced scientists

Severely handicapped persons will be given preference in the case of equal aptitude. Fraunhofer-Gesellschaft attaches great importance to gender-neutral professional equality.

Interested? Then send your résumé (English or German) to:

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Find out more about us at https://www.fit.fraunhofer.de/en.html