



In traditional IT operating models, everything is based on an all-data configuration database, a CMDB (Configuration Management Database) as the central information hub for IT operations. However, CMDBs are no longer adapted to the complexity of today's dynamic and ever-changing IT environments. In this new world, deploying a CMDB-centric operating model becomes an almost impossible task. Not only in terms of cost, but also in terms of time and resources to reconcile and update critical data. IT operations teams are spending a lot of time manually managing their infrastructure as requirements have greatly expanded: Managed & Unmanaged Cloud, SaaS integrations and other third party resources. Traditional approaches are not compatible with such dynamic environments, managing and tracking everything manually is impossible. Today's IT operations technology is already light years beyond the capabilities of manual management, and in the coming years it will only get worse for manual managers.

Therefore we offer from now on the possibility to work on a

Bachelor / Master / Project work on the topic **Alops: Quo-Vadis?**

Your tasks

- Support of a current and interesting research project
- Independent research of scientific texts (German / English) and preparation of literature
- Documentation of results.

Your profile

- Students from the fields of mechanical engineering or industrial engineering
- Very good knowledge of German and English, both written and spoken
- Basic understanding of UML and artificial intelligence methods
- Committed, team-oriented and independent working style.

We offer you

- Collaboration on scientific publications
- The opportunity to acquire knowledge close to practice
- Cooperation with renowned companies and research partners
- The possibility of flexible time management and independent work.

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If you are interested, please send your documents (short cover letter, curriculum vitae, certificates, current excerpt from the grade sheet) in digital form to the e-mail address given.