



Barkawi Management Consultants is an internationally active management consultancy that specializes in supply chain management and after sales services. It was founded in 1994 and today employs more than 200 staff at venues in Munich (head office), Vienna, Riyadh, Dubai, Shenzhen, Shanghai and Atlanta. Numerous global enterprises with logistically complex business models, such as Airbus, Coca-Cola, Daimler, General Electric, Henkel, Siemens, etc. are among Barkawi's consultancy clients.

Our intention is to continue this year the success story of recent years. Therefore we are looking for brilliant graduate to work on the

Master Thesis:

The Internet of Things – How to build an application from the ground up?

The market of IoT software providers is filled with established companies and young upstarts. They all promise 'flexible and scalable' solutions that anyone can use. Most of these companies have a clear focus based on their previous products. Those companies with a background in engineering have significant strengths in the hardware world, while the former software companies are very strong on the analytics and processing side. Which of these strengths will be the most important one is currently still undecided. In order to further grow our knowledge in this area Barkawi wants to develop some demo applications using these solutions. These demo applications will enable small proof of concept projects with our clients interested in the topic of IoT. The focus will be on quickly delivering added value from the basic applications and eventually scale them into fully operational drivers of our clients' business

The aim of this thesis is to

- Build a first prototype that could be deployed to our clients
- Perform market research to discover the advantages and challenges of the main solution providers
- Gain insight into the potential of the solutions
- Gather experience with the process to develop a small application

YOU are passionate about supply chain management and have a good qualification in forecasting and planning methods and tools, as e.g. Business Information Systems or other highly IT-focused subjects. You are particularly keen on your personal and professional further development in exciting supply chain related projects. Your passion is for simulating complex networks and processes. You have deep experience in Supply Chain Planning Approaches and/or Operations Research, which you will already be able to put to profitable use. The professional usage of corresponding software and also your excellent analytical and conceptual expertise complete your personal skill set. You have outstanding technology skills as well as experience of setting up and handling project databases. Very good knowledge of English is a must. As a person you are confident and convincing. For you, flexibility and mobility mean an enrichment of your personal experiences. You are very committed and creative, can work on your own just as well as in a team. Moreover you are socially adept in dealing with clients and colleagues. With a high degree of initiative, curiosity and fascination for global supply chains, software development and putting innovative ideas into practice you will fit into our teams perfectly.

WE are offering exceptional personal support to contribute with our expertise to your academic success and to your professional development. We will invest in you! During your master thesis which mainly should happen next to our consultants in our headquarter in Munich, we are offering you a great insight into the exciting consulting business and individual entry into an innovative group of companies with attractive terms and unusual career opportunities. It is only with innovative solutions and smart tools that we can exceed our clients' high expectations time and again. Help us with your master thesis to further advance leading companies with the right solutions for strategic and operational challenges!

Let's talk about it!

Barkawi Management Consultants GmbH & Co. KG

HR Management

Baierbrunner Str. 35

81379 München

Phone: +49 89 749826-0 ▪ Fax: +49 89 749826-739

jobs@barkawi.com ▪ www.barkawi.com