



Markus Berglund

PMP PROJECT MANAGER AND SOFTWARE ARCHITECT

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Summary

Markus is a technical consultant with experience within a broad range of technologies and businesses. Markus is a certified (PMP) project manager, having lead research projects for next generation mobile networks, as well as product development within internet safety and security. Markus has excellent communications skills, and often takes a leading role in teams. Markus also has experience in office and staff management, having recruited both development engineers and sales executives. Comfortable in working on many platforms, in agile teams, and in international organisations. Very well structured and organised.

Skills

MANAGEMENT

Project Management | Structured | Team Leader | Agile | PMI-PMP | Office and staff Management | Organized | Recruiting

TELECOM

Massive MIMO | 3GPP | WCDMA | LTE | 5G | Channel Modeling | Simulations | METIS | BTS System

PROGRAMMING

C/C++ | Matlab | PHP | Java | Bash | Android | Perl | Embedded Systems | Make | Continuous integration

INTERNET / WEB

SMTP | Networking | Clustering | Load balancing | HTML | CSS | AJAX

Experience

Huawei Technologies Sweden AB

Gothenburg

PRODUCT MANAGER

2018-present

Product Owner and Manager for the simulators developed in Gothenburg. Leading and managing the development efforts in simulators for research of next generation Mobile networks.

- Setup of Docker Swarm for computing efficiency
- Continuous integration setup

Konsultkooperativet

Gothenburg

CO-FOUNDER OF SWEDEN'S FIRST COOPERATIVE FOR SELF-EMPLOYED CONSULTANTS

2017-present

Konsultkooperativet is an honest, democratic and open cooperative for freelancing technology and management consultants. We welcome all consultants who want real power to change, who are tired of brokers who charges too much, and of partnership companies, where all are not treated equal. Konsultkooperativet does not have any majority owners, or unfair terms.

Huawei Technologies Sweden AB

Gothenburg

TECHNICAL PROJECT MANAGER

2015-2017

Technical project manager for a team of researchers researching technologies for the next generation mobile systems, focusing on the implementation of Massive MIMO antenna systems. Project included circa 20 highly skilled PhD's and MSc's, and resulted in several patent applications.

- 5G Research project with regular contacts with HQ in Shanghai, China

CronLab Ltd

Gothenburg

CHIEF TECHNOLOGY OFFICER

2011-2015

Markus was in charge of development for CronLab Ltd's web filtering services, which was used by companies and schools throughout Europe. The system was also built into other manufacturers' products, e.g., the Android tablet Kurio, targeted to children, where CronLab's filtering services limits web access. Markus was also managing all aspects of the Swedish subsidiary, being the only Director located in Sweden.

- The filtering service currently has over 1,000,000 users worldwide
- Office manager, recruited and managed developers and sales staff

CronLab Ltd

CHIEF TECHNOLOGY OFFICER

Gothenburg

2009-2011

Markus was in charge of developing an Anti-Spam service which was sold in about 15 countries in Europe. The service had an advanced configuration and management interface, both for end users and for resellers and distributors.

Ericsson

EMBEDDED SOFTWARE ENGINEER

Gothenburg

2007-2010

Markus worked with signal processing in the baseband parts of Ericsson's WCDMA base station software. The work involved implementing the baseband application on a new architecture based on C++.

- Designed and implemented one of the key memory allocators for the baseband chips
- Managed the integration of the different software modules

TietoEnator

EMBEDDED SOFTWARE ENGINEER

Karlstad

2006-2007

Markus worked with debugging and corrections of live base stations for Ericsson's customers. The work included testing, simulations, developing new test cases and test methods. The work required a lot of creative debugging since information in trouble reports from customers usually were insufficient.

Precise Biometrics Solutions AB

DEVELOPMENT ENGINEER

Karlstad

2005-2006

Developed new functionality in Precise Biometrics JAVA-card smart cards.

WRC Swedish Rally

DEVELOPMENT ENGINEER

Karlstad

2005-2006

The Swedish Rally organisation wanted to create arenas along the rally course in Sweden. One of these arenas was Colin's Crest in Värmland. Markus together with a few more engineers created a system to measure speed and jump length for the cars, this was accomplished with the use of photocells and an FPGA.

- <http://goo.gl/WJDj6f>>Article in Aftonbladet

Bioett

DEVELOPMENT ENGINEER

Lund

2003-2005

Developed software for an FPGA which enabled reading of biological RFID tags which were affected by temperature load. These tags were then used within logistics in the food industry.

Medical devices company

DEVELOPMENT ENGINEER

Lund

2003-2005

Markus developed a communications system for implants based on ultra sound. The work included hardware and software, and realistic experiments. A communications protocol was developed with error correction and high safety and security.

Genovis

DEVELOPMENT ENGINEER

Lund

2003-2005

Genovis among other things manufactures microscopic ferro particles which are used in biotech research to e.g. change genetic information in cells. Markus helped Genovis to develop different tools to measure the particle's sizes. Both by developing RF electronics to create high frequency magnetic fields and measure the induced energy, but also by developing simple systems to automate some lab tasks made by their staff.

Education

Lund Institute of Technology

MASTER OF SCIENCE AND ENGINEERING AT COMPUTER SCIENCE

Lund

1999-2003

Markus graduated first in his class, 6 months ahead of time. The Master Thesis was a prototype for publishing digital camera photos to a cloud service. It was made as a product evaluation for AXIS Communications in Lund.

Think do and grow

PERSONAL COACHING AT MANAGEMENT IN FOCUS

Gothenburg

2013-2014

Professional one-on-one coaching programme, focusing on successful leadership principles. Increase co-workers motivation and efficiency by improving leadership skills.

Think do and grow

PERSONAL COACHING AT FOCUSED LEADERSHIP

Professional one-on-one coaching programme, focusing on personal development and behavioral science.

Gothenburg

2012-2013

Nohau

AT C++ FOR EMBEDDED SYSTEMS

C++ specifics for embedded systems with very limited resources

Jönköping

2008-2008