

SURNAME, Name MÄKELÄ, Jari Tapio
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Www www.keijom.fi
Date of Birth 15.2.1985 in Lahti, Finland
Marital status, children Cohabitation, One Daughter
Nationality Finnish

**PROFESSIONAL EXPERIENCE, Design engineering**

- 12/2013 - present **Entrepreneur**
Keijom Oy, Pirkkala, Finland
Hydraulic design, mechanical design, 3D-modeling, product development, technical calculations, creative solutions for technical problems
- 04/2012 - 12/2013 **Hydraulic design engineer**
Sandvik Mining and Construction Oy, Tampere, Finland
Hydraulic and pneumatic design of new Pantera product family, including system design, component selection, documentation, supporting prototype and series production
- 01/2012 - 04/2012 **Mechanical design engineer**
05/2011 - 08/2011 Dinsto Oy, Tampere, Finland
Designing steel structures, calculating strengths and producing manufacturing drawings, collaboration with final customers
- 10/2009 - 01/2011 **Mechanical design engineer**
Stonego Oy, Tampere, Finland
Product development of construction robot, mechanical design, hydraulic design, prototype and quality engineering

PROFESSIONAL EXPERIENCE, Production worker

- 11/2008 - 08/2009 **CNC-machinist**
Parker Hannifin Oy, Tampere, Finland
Machining hydraulic blocks
- 05/2007 - 10/2008 **CNC-machinist**
Johnson Metall Oy, Pirkkala, Finland
Machining brass sliding bearings, developing work methods
- 07/2006 - 12/2006 **Ball valve production trainee**
04/2005 - 07/2005 Vexve Oy, Sastamala, Finland
07/2001 - 08/2001 Testing, assembling, operating hydraulic press, cnc-machining

06/2004 - 08/2004 **Machinist**
06/2003 - 08/2003 Sisu-Diesel Oy, Linnavuori, Finland
06/2002 - 08/2002 Machining with relay controlled milling machine

SPECIAL PROFESSIONAL SKILLS, Computer skills

3D and 2D SolidWorks, NX, Catia, E3 Hydraulics, Vertex HD, DWG Editor
PDM TeamCenter, Custom Tools, Solid PDM, Aton
Technical calculation MathCad, SolidWorks Simulation (FEM), Matlab, Simulink, Maple

SPECIAL PROFESSIONAL SKILLS, Technical knowledge

Pneumatic High pressure compressor applications, two stage screw compressors
3D-modelling Parametric modeling

EDUCATION

2006 - 2015 (estimated) **Master of science (including a Bachelor's degree)**
Mechanical engineering, Tampere University of Technology, Tampere, Finland
Major : Hydraulic and automation
Minors : Machine design, Applied mechanics
Exchange semester, Brno University of Technology, Brno, Czech Republic

2001 - 2005 **Matriculation**
Upper secondary school of Vammala, Sastamala, Finland

2001 - 2004 **Basic examination of machine industry / Machinist**
The vocational college of Vammala, Sastamala, Finland

LANGUAGE SKILLS

Finnish Native
English Fluent
Swedish Basics

OTHER

Computer skills Windows, Linux, c++, Excel VBA, Word, Excel, Power Point, Outlook, Lotus notes, Gimp

Military Service Lieutenant
07/2005 - 07/2006 The armoured brigade, Parolannummi, Finland
The reserve officer school, RUK227, Hamina, Finland

Other interests Ice-hockey, reading, skiing

Pirkkala, 19.10.2014



Jari Mäkelä