



Antti Peltola M.Sc. (Tech)

Senior Development
Engineer –
Mechanical
Engineering

Contact Details

+358 40 534 7840

antti@apeltola.com

Tampere, Hybrid

LinkedIn

Home Page

+ Reference list and letter of recommendation available upon request.

Core Skills

- 15 YEARS OF MECHANICAL ENGINEERING
- COLLABORATIVE PROBLEM SOLVING
- EXCELLENT PRESSURE HANDLING
- PROJECT LIFECYCLE MANAGEMENT
- STANDARD COMPLIANT (EN, UIC, CE)
- STRONG COMMUNICATION SKILLS
- INTELLIGENT INTUITION
- TEAM SUPPORTIVE LEADERSHIP
- CAD PRO (SOLIDWORKS, NX, INVENTOR)
- PNEUMATICS AND HYDRAULICS

Professional Profile

A highly experienced mechanical engineering professional with 15 years in product development across industries. Experience guiding and mentoring cross-functional teams and managing small project teams with high attention to outcomes. Demonstrating a calm, resilient leadership style under pressure.

Refined customer interaction skills and strong professional relationships. Fluent in English and Finnish, with excellent communication and mentoring skills, thriving in one-to-one interactions.

Delivering cost-efficient solutions while maintaining safety, quality, and efficiency. Experienced in most engineering tools and delivering high-quality solutions in collaborative environments. Efficient in managing stakeholder expectations and maintaining healthy relationships.

Leadership Development:

Actively engaged in mentoring, guided by senior industry professionals, with a focus on empowering teams, effective delegation, one-to-one, and project oversight.

Career Summary

Aug 2010 - Present

Etteplan Oy, Tampere

Senior Development Engineer (Mechanical Engineering)

Outline

15 years of experience in mechanical engineering projects with various customers. A highly skilled consultant, working primarily at customer premises, closely interacting with production teams and other stakeholders. Extensive experience in R&D and new product design with a proficiency with PLM and CAD. Independent and team-oriented problem solving with a clear understanding of the big picture and handling the responsibilities that come with it.

Key Responsibilities

- Designing complete projects or parts of them, organizing and guiding teams through collaboration and delegation.
- Communicating with customers, management, and other stakeholders to determine needs and explain complex issues.
- Creating initial design concepts through brainstorming, sketching and computer design software.
- Mentoring of junior engineers, fostering a culture of knowledge-sharing and growth within the team.

Key Achievements

- Worked his way up from designer to acting chief engineer through proven results and increasing responsibility
- Has proven leadership skills with the ability to handle projects and take responsibility for key components, working both independently or with a team.
- Acts productively as the primary liaison between different stakeholders to align project goals and deliver results.
- Succeeds in aiming high at cost savings, profitability and customer satisfaction and regularly receives positive feedback.
- Has actively contributed to team cohesion and project success.

Apr 2025 - Present

**Valtion Rautatiet, Project
Acting Chief Engineer / Senior Development Engineer**

Key Responsibilities

- Double role as a development engineer and acting chief engineer in a subsystem development for a next-generation heavy freight railcar project

Key Achievements

- Quickly assumed ownership of the prototype's most critical subsystem – the pneumatic braking system – ensuring performance, safety, and compliance.
- Standard-compliant design (EN, UIC, CE, ISO)

May 2024 - Apr 2025

**Viessmann, Schaeffler, VR, Tampere
Senior Development Engineer**

Key Responsibilities

- Delivered VR project leading to customer trust
- Designed a restaurant waste management system for Viessmann
- Developed AM-based solutions with Schaeffler

May 2015 - May 2024

**Sandvik Contract, Tampere Sandvik Premises
Senior Development Engineer (Mech)**

Outline

Mechanical Engineering and Product design with diverse teams and various underground mining projects. Tasks ranging from concept design to the development of complete products. Prototype building, brainstorming and creative problem-solving tasks. Mainly new product design and R&D. Handled major project responsibilities both independently and in teams. Worked mostly on-site at Sandvik premises and partially remote.

Key Responsibilities

- Developing underground mining equipment, including different rock drilling and mechanical cutting technologies.
- Collaborating with international teams in the development of underground mining equipment.
- Overseeing key project components, such as the drilling module unit.

Key Achievements

- Managed consistently successful designs, which were highly effective and well-received.
- Delegated tasks to cross-functional teams, ensuring seamless collaboration and project success.
- Improved products with cost-effective designs and methods.
- Took part in sustaining a positive and motivating work environment.

May 2014 - May 2015

**AGCO / Konecranes Contract, Tampere Etteplan office
Lead Engineer**

Outline

Led a cross-cultural project to localize a harbor crane power unit for the East Asian market. Managed consistently successful, effective, and well-received designs while collaborating under pressure in a role directly comparable to a Team Leader.

Key Responsibilities

- Providing strategic leadership to ensure the project was delivered on time, within budget, and met quality standards.
- Communicating with the customer and stakeholders to align project goals and manage expectations.
- Solving problems and handling the project timetable.
- Delegating tasks, aligning teams, strategic decision-making.

Key Achievements

- Led a successful project that was cost-effective, quickly implemented, and of high quality.
- Received excellent feedback from both customers and supervisors.
- Resolved minor conflicts in a calm and professional manner, using well-reasoned arguments to address accusations, such as neglecting items not originally included in the project scope or timeline.
- Managed time pressure professionally

May 2012 - May 2014

**Metso Contract, Tampere
Senior Design Engineer**

Key Achievements

- Co-designed one of the world's largest mobile crushers (LT200 Altay), solving complex mechanical challenges related to size, mobility, and reliability in harsh mining conditions.

Sep 2010 - May 2012

**Valmet Contract, Tampere Etteplan Office
Design Engineer**

Key Achievements

- Designed piping and steel structures for CFB boiler and waste-to-energy plants; managed layout areas and coordinated with customers.

May 2008 - May 2009

**Metso Minerals Oy, Tampere
Engineer In Training and Master's thesis**

Outline

An engineering trainee doing master's thesis about innovative hydraulic valve with digital hydraulics

Education

- **Master's degree** | Tampere University of Technology | Sep 2002 - May 2009

Additional

References

- References and letter of recommendation available upon request.

- Member of the board in a housing company, involved in financial decisions and property maintenance planning.

Languages

English (C2 Proficiency), Finnish (Native), Swedish (B1 Intermediate), German (B1 Intermediate), Spanish (A1 Basics)