

## MATTI KIVIHARJU

Expert Full-Stack Developer and Software Architect  
Scrum Master and Product Owner

### Contact Information:

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### Professional Experience:

#### **i4ware Software, Entrepreneur and Founder**

- 2004–Present
- Leveraged 18 years of entrepreneurial experience as a private trader, demonstrating CEO-level leadership (I have a few sub-contractors to lead).
- Successfully collaborated with top-tier Fortune 100 companies, including Red Hat, Inc., Canonical Ltd, Microsoft, Cisco Systems, Inc., Vodafone, and others.

#### **Certitude Ltd**

- 2014-2015
- ERP Software Development
- Server Administration with Ubuntu Server
- Database Administration with MySQL

#### **MML-Group**

- 2013-2014
- ERP Software Development
- Server Administration with Ubuntu Server
- Database Administration with MySQL
- Web-design

### Skills:

- Ubuntu Server, Red Hat Enterprise Linux, MySQL, PostgreSQL, PHP, Laravel, React, TypeScript, CSS, HTML, XML, AJAX, REST, RESTful, JSON, JSONP, JavaScript.
- **Language Proficiency:**
  - Fluent in English with a comprehensive understanding of US, UK, and AU English.

- Possess a 1000-page Oxford Advanced Learner's English Dictionary, covering extensive vocabulary and linguistic nuances in US, UK, and AU English.
- Adept at effective communication with diverse English-speaking audiences.

### **International Collaboration:**

- Demonstrated success in working seamlessly with Australian, United Kingdom, and United States customers and partners.
- Proven ability to navigate and understand linguistic and cultural differences, fostering productive relationships.

### **Additional Language Resources:**

- Maintain an extensive library of grammars and linguistic references to ensure accurate and nuanced communication in various English contexts.

### **Freelance Availability:**

- Available exclusively for freelance work through my company.
- Hourly rate: €95 VAT 0 %.

### **Education:**

- **Tampere University of Applied Sciences**
  - 2007 - 2014
  - Bachelor's Degree in Business and Information Technology.
- **Ikaalinen Business College**
  - 2003 - 2006
  - Vocational Qualification in Business Information Technology (BIT).

### **App Development and Sales Expertise:**

- Spearheaded the development and distribution of self-created apps in the Atlassian Marketplace since 2012, achieving remarkable success.
- Streamlined app installation through cloud-based deployment or fully functional cloud-based applications, eliminating local software installation requirements.
- Ensured app security in compliance with Atlassian Pty Ltd's stringent requirements.
- Proficiently configured SSL certificates with A to A+ security ratings, ensuring data protection. (SSL test proof: <https://www.ssllabs.com/ssltest/analyze.html?d=mattikiviharju.i4ware.fi&hideResults=on>)
- Expertly configured Postfix/Courier/ClamAV/SpamAssassin for AI-based anti-spam in Ubuntu Server 20.04 LTS with MySQL/PostgreSQL databases.

### **Software Security Expertise:**

- Demonstrated extensive knowledge in software security, proficiently identifying and addressing vulnerabilities, including SQL injection and code inclusion.

## Technical Proficiency:

- Proficient in working with Amazon Web Services (AWS), optimizing server usage to manage expenses effectively.

## Key Achievements:

- Played a pivotal role in planning the UML/ERD modelling tool for Siemens Polarion ALM software in 2010-2011.
- Official proof of involvement available at: <https://blogs.sw.siemens.com/polarion/requirements-diagramming-with-gliffy-and-polarion-alm/>

## Projects and Work Samples:

- 1. Infinite Scrolling Photobrowser App**
  - Developed a React App using JSONPlaceholder sample database.
  - Public demo: <https://infinite.i4ware.fi/>
  - Source Code: <https://github.com/foghorn-hash/infinite-scrolling-photobrowser>
- 2. Photobrowser App**
  - Created a React App using JSONPlaceholder sample database.
  - Public demo: <https://photobrowser.i4ware.fi/>
  - Source Code: <https://bitbucket.i4ware.fi/projects/PHOT/repos/photobrowser/browse>
- 3. Users and Their Details App**
  - Developed an app using React and JSONPlaceholder public sample database.
  - Public demo: <https://integrify.i4ware.fi/>
  - Source Code: <https://github.com/foghorn-hash/integrify-pre-task-app>
- 4. i4ware - SDK**
  - Contributed to a closed-source SDK for customized ERP systems and software development.
  - Technologies: React, React Redux, React Native, React Bootstrap, MySQL, PostgreSQL, Laravel, PHP.
  - Public demo: <https://saas.i4ware.fi/#/>
  - No source code available in public GIT repositories.
- 5. Timesheet for Jira Server**
  - Created a time-tracking tool for Atlassian Jira using Java EE, Atlassian SDK, Maven 3, Ext JS, Java Servlet.
  - Information: <https://marketplace.atlassian.com/apps/1223446/timesheet-for-jira?tab=overview&hosting=server>
- 6. Timesheet for Jira Cloud**
  - Developed a time-tracking tool for Atlassian Jira Cloud using Zend Framework, PHP, Ext JS, JavaScript, HTML, CSS, and REST.
  - Information: <https://marketplace.atlassian.com/apps/1223446/timesheet-for-jira?tab=overview&hosting=cloud>
- 7. Requirements Diagramming**
  - Contributed to ER/UML diagramming tool for Polarion ALM.
  - Technologies: Gliffy REST API, Polarion SDK, JSP, Java EE, Java Servlet, Ext JS, REST.

- Information: <https://extensions.polarion.com/extensions/92-i4ware-requirements-diagramming-with-gliffy> and <https://blogs.sw.siemens.com/polarion/requirements-diagramming-with-gliffy-and-polarion-alm/>

## Scrum Master & Product Owner Experience

- Led multiple cross-functional teams consisting of interns, workers, and suppliers/sub-contractors on a global scale.
- Facilitated and implemented Scrum framework, fostering collaboration and improving team efficiency.
- Coordinated with internal and external stakeholders to ensure alignment with project goals and objectives.
- Conducted regular sprint planning, review, and retrospective meetings to optimize team performance.
- Worked closely with the product development team to define and prioritize product backlog items.
- Maintained a global perspective, managing and resolving issues across different time zones and cultural contexts.
- Fostered a culture of continuous improvement by identifying and addressing process bottlenecks and inefficiencies.
- Acted as a bridge between the development team and stakeholders, ensuring clear communication and understanding of project requirements.
- Collaborated with various teams to ensure the timely delivery of high-quality products.
- Implemented Agile best practices to enhance the overall effectiveness of project delivery.

## Timesheet for Confluence Data Center Project

**Team? My self and 1 team member from Japan and 1 team member from United Kingdom.**

<b>Date</b>	<b>Role</b>	<b>Activity Description</b>	<b>Time Spent (hrs)</b>
2023-12-01	Scrum Master	Sprint Planning and Coordination	4
2023-12-02	Product Owner	Backlog Grooming and Stakeholder Meetings	4
2023-12-03	Expert Full-Stack Developer	Feature Development and Code Review	8
2023-12-04	Software Architect	System Design and Architecture Planning	8
2023-12-05	Scrum Master	Daily Standup and Issue Resolution	8
2023-12-06	Product Owner	Sprint Review and User Story Refinement	8

<b>Date</b>	<b>Role</b>	<b>Activity Description</b>	<b>Time Spent (hrs)</b>
2023-12-07	Expert Full-Stack Developer	Performance Testing and Optimization	8
2023-12-08	Software Architect	Security Testing and Architecture Review	8
2023-12-09	Scrum Master	Sprint Retrospective and Planning for Next Sprint	8
2023-12-10	Expert Full-Stack Developer	Collaborative Coding Session with Team	8
2023-12-11	Software Architect	Code Quality Assessment and Documentation Review	8
2023-12-12	Scrum Master	Facilitate Scrum Events and Team Coordination	8
2023-12-13	Product Owner	Prioritizing Backlog Items and Sprint Planning	8
2023-12-14	Expert Full-Stack Developer	Implementation of Critical Features and Bug Fixing	8
2023-12-15	Software Architect	System Scaling and Performance Enhancement	8
2023-12-16	Scrum Master	Sprint Review and Planning for the Next Iteration	8
2023-12-17	Expert Full-Stack Developer	Collaborative Code Review and Knowledge Sharing	8
2023-12-18	Software Architect	Security Audit and Improvements	8
2023-12-19	Scrum Master	Resolving Impediments and Team Support	8
2023-12-20	Product Owner	Sprint Review and Stakeholder Feedback	8