

MATTI KIVIHARJU

Expert Full-Stack Developer and Software Architect

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., and Canonical Ltd.

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, Node.js, Firebase, React Native.
- **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.

Availability:

- Available only for normal paid job or freelancer job with price 95 € / hour 0 % VAT.

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. i4ware Dark Theme**
 - Made new look and feel for Atlassian Confluence
 - CSS, jQuery, JavaScript, Java EE, Velocity, and Confluence Java API (also configured Jenkins for run security tests for Source Code in our Git)
 - This is Closed Source project.
 - More details: <https://marketplace.atlassian.com/1233472>
- 2. 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>
- 3. 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>
- 4. 3D Model Viewer**
 - Created with ReactJS and THREE libraries to view 3D Models in STL file format
 - Public demo: <https://3d.i4ware.fi/>
 - Source Code: <https://github.com/foghorn-hash/modelviewer>
- 5. 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>
- 6. i4ware - SDK**
 - Contributed to a MIT licensed SDK for customized ERP systems and software development.
 - Technologies: React, React Bootstrap, MySQL, PostgreSQL, Laravel, and PHP.
 - Public demo: <https://saas.i4ware.fi/#/>
 - Source Code: https://github.com/foghorn-hash/i4ware_SDK
- 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, and 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/>