

CURRICULUM VITAE 19.4.2024

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Sami Rantala Golf & IT Consulting
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Background

Year of Birth: 1977
Education: Master of Sciences in theoretical physics, University of Helsinki, 2000
Marital status: married

Summary

A highly skilled Java professional with experience from a multitude of industries and a passion for producing high quality software in a timely manner. A coding architect + DevOps expert with excellent verbal & written communication skills.

Positions of interest

- Coding Architect
- DevOps Expert
- Lead Developer
- Tech Lead

Current technical interests

- Cloud – Why bother running applications in on-premises datacenters, when you can just simply buy the capacity from a cloud service provider? No more worrying about hardware maintenance. Cloud migration can be done in a secure way, so even that is no longer a concern. Cloud services are mature enough to be taken into production use even in business-critical systems, and provide much more flexibility than regular on-premises datacenters.
- Docker – deploying applications in containers is revolutionizing the “Ops” side of the business. No more writing 10 pages of installation and operation instructions, when all it takes is a single command to pull the Docker image from repository and start the container.
- Test/Behavior Driven Development (xDD) – writing the unit tests before the actual code. It improves the quality of the produced code significantly. As a nice side effect of following an xDD methodology, 100 % unit test coverage of the produced code is achieved, making the code base easy to refactor and maintain.
- Continuous integration – combined with xDD this can really make your day. Having Jenkins (or similar) to monitor the code base continuously keeps the code base in good shape at all times.
- Agile Scrum – improving the predictability of the software development process. Waterfall software projects just simply do not work as well as agile projects.
- Open source development – why reinvent the wheel? The internet is full of excellent open source software that can save a lot of time during the development process. Participating in and monitoring the progress of open source projects gives a lot of new ideas about best practices in programming and ensures keeping up-to-date in current trends.

Hobbies

Golf (playing & teaching), music (mainly progressive metal & jazz but almost anything goes), movies, reading (fantasy & science fiction), computer games (turn-based and real time strategy & role playing), snooker, playing piano and acoustic guitar

Skills

Technology	Experience	Last used	Skill level
Java			
J2SE	24 years	Currently	Expert
J2EE	14 years	Currently	Expert
Hibernate	17 years	2022	Good
Spring	19 years	Currently	Expert
Wicket	3 years	2014	Moderate
JDave	14 years	2022	Expert
JUnit	6 years	Currently	Good
JavaScript			
Node.js	3 years	2022	Moderate
React	3 years	2022	Moderate
Yarn	3 years	2022	Moderate
Software Platforms			
Windows	31 years	Currently	Good
Linux / Unix	22 years	Currently	Expert
Docker	7 years	Currently	Expert
Ansible	2 years	Currently	Good
Terraform	2 years	Currently	Moderate
Azure	2 years	Currently	Good
Application servers			
JBoss	3 years	2004	Moderate
Weblogic	20 years	2022	Expert
Jetty	17 years	Currently	Good
Apache Tomcat	3 years	2007	Moderate
Expression languages			
XML, XSD, XSL, XSLT	23 years	Currently	Good
HTML	24 years	Currently	Good
CSS	9 years	2022	Good
Network technologies			
TCP/IP, HTTP	24 years	Currently	Good
SIP	4 months	2006	Satisfactory
XMPP	4 months	2006	Satisfactory
Databases			
SQL	22 years	2022	Good
Oracle	12 years	2022	Moderate
MySQL	12 years	2022	Moderate
PostgreSQL	1 year	2013	Satisfactory
PL/SQL	1 year	2016	Satisfactory
Sybase	12 years	2022	Moderate
Microsoft SQL Server	4 years	2022	Moderate

Technology	Experience	Last used	Skill level
Version control & building & testing			
CVS	16 years	2016	Good
SVN	3 years	Currently	Moderate
Git	14 years	Currently	Expert
Ant	4 years	2007	Moderate
Maven	15 years	Currently	Expert
Jenkins	14 years	Currently	Expert
Selenium	10 years	2022	Good
Azure DevOps	2 years	Currently	Good

Career History

<p>Company: Sami Rantala Golf & IT Consulting</p> <p>Customer: Samlink</p> <p>Project: Supporting old and developing new DevOps practices within the company.</p> <p>Directing the work of a multinational 5-8 person team (working language: English).</p> <p>Designing Azure architecture for the company.</p> <p>Participating in the general architecture development of the company.</p> <p>Migrating some of the existing applications (~100) to Azure, including setting up the needed the CI/CD pipelines.</p> <p>Supporting sales personnel.</p> <p>Time period: 12.4.2022-17.5.2024</p>	<p>Roles: DevOps Lead, Azure Architect</p> <p>Technologies: Jenkins, SonarQube, Maven, Mend (Whitesource), Checkmarx, Ansible, Terraform, GitLab, VirtualBox, Ubuntu, RHEL, Spring Boot, Azure DevOps, Azure Virtual Machines, Azure Kubernetes Service (AKS), Azure Well-Architected Framework</p>
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<p>Company: Sami Rantala Golf & IT Consulting</p> <p>Customer: Finnish Customs</p> <p>Project: Analysis of an existing service oriented software architecture of a government agency and identifying areas for development.</p> <p>Redesigning the software architecture (including security aspects) and producing a reference implementation for it. Design and implementation of shared components that support the new architecture.</p> <p>Scrum master & architect & lead developer in 2 projects that were the first to use the new architecture.</p> <p>Reviewing and assisting about 20 other new projects to start using the new architecture.</p> <p>Assisting other projects when they have problems with the infrastructure or the software architecture.</p> <p>Giving training sessions to developers.</p> <p>Design of the first public Web Service interface for the agency in question. Implementation of an example application for customers. Implementation of testing tools for the interface.</p> <p>Design, implementation and maintenance of the CI & CD environment of the agency.</p> <p>Implementation and maintenance of a virtual machine that is used by approximately 100 software developers who code for the agency.</p> <p>Designing how to demolish old monolithic WebLogic based architecture and transition into Docker based Spring Boot microservices. Implementation of reference application and first real microservices.</p> <p>Technical advisor in many infrastructure upgrade projects.</p> <p>Integration architect and solution designer for various projects.</p> <p>Configuring, using and training others on how to use AppDynamics.</p> <p>Time period: 14.1.2008-30.4.2022</p>	<p>Roles: Lead software architect, scrum master, lead developer, integration architect, solution designer</p> <p>Technologies: Docker, Spring, Spring Boot, JPA/Hibernate, Wicket, JDave, JUnit, ESB, JMS, SOA, REST, EJB, Maven, Spring Security, Node.js, React, Redux, Yarn, Axis, Hudson, Jenkins, VirtualBox, Enterprise Architect, AppDynamics, Kubernetes, OpenShift</p>
<p>Company: Sami Rantala Golf & IT Consulting</p> <p>Customer: Finnish Postal Services</p> <p>Project: Design and implementation of a system that is used to control the machines that sort deliveries. The system is critical to the customer and the quality of the produced software was extremely important. SCRUM and BDD were used in this project.</p> <p>Time period: 7.9.2007-21.12.2007</p>	<p>Roles: Software developer</p> <p>Technologies: Wicket, Hibernate, JDave, Spring, Maven</p>

<p>Company: Sami Rantala Golf & IT Consulting Customer: Ministry of Agriculture / Technical Division Project: Design and implementation of a system that tracks the entire life span of farm animals according to EU regulations. The system provides information via a web interface and also as a web service. SCRUM was used in this project. Time period: 5.2.2007-31.5.2007</p>	<p>Roles: Scrum master, senior developer Technologies: Java EE, SOA, Weblogic 9, Oracle 10, XML, Hibernate, Java Server Faces, Facelets, Spring, PL/SQL</p>
<p>Company: Sami Rantala Golf & IT Consulting Customer: Futurice Project: Design and implementation of a system that relays presence data, i.e. information about the availability of users in a mobile VOIP environment. Time period: 11.9.2006-14.12.2006</p>	<p>Roles: Software developer Technologies: Java 5.0, MySQL, Hibernate, SIP, XMPP</p>
<p>Company: Sami Rantala Golf & IT Consulting Customer: Finnish Stock Exchange Project: Maintenance and development of a system that provides stock exchange information on the web pages of customers. Time period: 13.1.2006-31.5.2006</p>	<p>Roles: Software developer Technologies: Java, Tomcat, Oracle, XML, XSL, XSLT, CSS Responsibilities: Taking care of the day-to-day operations required to keep the system running. Recreating the system in a new environment in another country. Customizing the service for new customers.</p>
<p>Company: Sami Rantala Golf & IT Consulting Customer: Cidercone Project: Modernization of a portal. Time period: 14.9.2005-15.12.2005</p>	<p>Roles: Software developer Technologies: Java 5.0, Tomcat 5.5, MySQL, XML, CSS Responsibilities: Implementation of functionality for HTML templates created by another company.</p>
<p>Company: Sami Rantala Golf & IT Consulting Customer: DHL Project: Integration of 2 business systems with a financial system. Time period: 29.8.2005-15.11.2005</p>	<p>Roles: Integration developer Technologies: Java (J2SE), Tomcat, XML Responsibilities: Design and implementation of the integration.</p>
<p>Company: Endero Customer: VR Project: Porting of an old application on new platform, modernization of the system architecture (conversion to J2EE). Time period: 2.1.2005-27.5.2005</p>	<p>Roles: Software developer Technologies: Java (J2EE), Weblogic 8.1, Oracle, LDAP, XML. Responsibilities: Design, development and testing of J2EE application. Accessing programs on AS/400 server with IBM's Toolbox.</p>

<p>Company: Regex/Endero</p> <p>Customer: Sonera</p> <p>Project: A system that can be used in all tasks related to marketing and brand management, like planning, executing and analyzing marketing campaigns, distributing brand guidelines and other documents etc.</p> <p>Time period: 1.8.2001-14.12.2004</p>	<p>Roles: Software developer</p> <p>Technologies: Java (J2EE), JDBC, XML, JBoss, Oracle</p> <p>Responsibilities: Software design and development, database design and administration.</p>
<p>Company: Regex</p> <p>Customer: Razorfish</p> <p>Project: A searching service</p> <p>Time period: 8.6.2001-31.6.2001</p>	<p>Roles: Software developer</p> <p>Technologies: JSP, JDBC, XML</p> <p>Responsibilities: Fixing bugs as an "emergency aid".</p>
<p>Company: Regex</p> <p>Customer: Mgin Solutions</p> <p>Project: A system that learns to predict user behaviour from previous behaviour</p> <p>Time period: 1.12.2000-31.3.2001</p>	<p>Roles: Software developer</p> <p>Technologies: Java, JDBC</p> <p>Responsibilities: Design and development of the mathematical aspects of the system.</p>

Language skills

Finnish (native)
English (very good)
Swedish (satisfactory)
German (satisfactory)