

# Jussi Hallila

Software Development Lead

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## EDUCATION

**Lapland University of Applied Sciences**, 9/2006 - 3/2011

Bachelor of Software Engineering

GPA in major: 4,33/5

Thesis: Developing an Automated Computer Poker Player with C++ and Researching the Security of Online Poker. Grade, 5 / 5.

Awards: Nokia Siemens Networks scholarship (2007)

**Exchange studies abroad**  
Shanghai University,  
Computer Sciences, 9/2009 - 12/2009

Missouri State University,  
Information Technology,  
1/2008 - 6/2008

### JVM

Java, Spring, Hibernate,  
Kotlin, Scala, Maven, Gradle,  
Groovy, JUnit, TestNG,  
Vaadin, JSP, JMS

### Javascript

JQuery, Node.js, React,  
Vue.js, Mocha, Jasmine,  
Webpack, Grunt, Gulp,  
Angular

### Databases

MySQL, PostgreSQL, Oracle,  
DB2, MongoDB, RethinkDB

### Version Control

Git, SVN, RTC

## SKILLS AND COMPETENCIES

## WORK EXPERIENCE

### VSWare, Dublin Ireland

Head of FE Engineering | 4/2017 - Present

- Development of School Administration platform
- Leading customer facing development and user experience, managing a team of 16 developers
- Architecting the frontend development with Vue.js
- Revising frontend software development processes to match best practices
- Overlooking front end development teams, resourcing and processes

### Brandtone Ltd, Dublin, Ireland

Senior Software Developer | 8/2015 - 4/2017

- Development of mobile marketing platform
- Leading the development efforts on core capabilities on the biggest product within the company
- Implementing batch processing with Spring batch and messaging integrations with Spring Integration
- Developing automated testing framework and configuring infrastructure around automated testing
- Restructuring application frontend architecture and introducing modern web development processes with React JS & Webpack and Node.js ecosystem
- Introducing the company to DevOps practices with Ansible, source controlled configurations (immutable infrastructure) and chatops via Hipchat and Hubot
- Taking ownership of build engineering by restructuring build processes, automating deployment pipeline with Jenkins
- Increasing code quality processes with introduction of static analysis tools, review processes, pull requests and branching strategy
- Managing Red Hat servers and AWS infrastructure (EC2, S3, ELB) for development side applications

**Methodologies**

Scrum, [Kanban](#)

**Other Technology**

[IntelliJ](#), [Jenkins](#), [Ansible](#),  
[Haskell](#), [Ubuntu](#), [ActiveMQ](#),  
[Red Hat](#), [Glassfish](#), [Tomcat](#),  
[WID](#), [WPS](#)

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**Open source projects**

[github.com/Xantier/nerd-stack](https://github.com/Xantier/nerd-stack)

[github.com/Xantier/promethe-us-db-exporter](https://github.com/Xantier/promethe-us-db-exporter)

[github.com/Xantier/bound-ttr](https://github.com/Xantier/bound-ttr)

**Contact**

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[www.linkedin.com/in/jussihallila/](http://www.linkedin.com/in/jussihallila/)

Twitter: [@Xantier](#)

Github: Xantier

StackOverflow: Xantier

**Liberty Information Technology, Dublin, Ireland**

*Software Engineer* | 12/2014 - 8/2015

- Developing SOA web services to calculate insurance rates
- Implementing process flows on IBM Websphere Integration Developer
- Implementing internal services with Java, Unit testing with TestNG
- Testing web services with SoapUI
- Integrating existing services to new process flows
- BPEL development

**Unique Digital, Dublin, Ireland**

*Software Developer* | 6/2014 - 11/2014

- Developing movie theater management systems
- Constructing Vaadin views for cinema advertising software
- Creating and modifying UI components, implementing CSS changes, implementing cross browser multimedia functionality
- Generating services to calculate business data
- Constructing Jasper reports to display business critical metrics

**IBM, Dublin, Ireland**

*Business Intelligence Software Developer* | 6/2011 - 6/2014

- Building business intelligence solutions for IBM Delivery Centers in EMEA and US with Java Spring
- Creating and maintaining JQuery based frontend framework to create custom visualizations and dashboards
- Designing and implementing data stores for easier data manipulation and ETLs to retrieve external data using Spring Batch
- Creating Spring MVC and Hibernate web application on top of DB2 data warehouse to generate and display automated reports on call center data
- Constructing SQL queries and building reports using BIRT
- Setting up continuous integration server and

- introducing automated testing processes using Jenkins
- Maintaining and configuring Red Hat Linux web servers
- Introducing and educating team to use Scrum

## **CERN, European Organization for Nuclear Research, Geneva, Switzerland**

*Web Developer & Database Administrator | 4/2009 - 9/2009*

- Designing and developing a database and a web frontend for the TOTEM experiment
- Developing user interface for electrical testing using PHP, Javascript and HTML
- Creating a PHP frontend on top of Zend framework and developing an Oracle database schemas for the LHC detector alignment metrics