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

SKILLS AND COMPETENCIES

JVM
Java, Spring, Play, Hibernate, Kotlin, Scala, Maven, Gradle, Groovy, JUnit, Vaadin, JMS

Javascript/FE
JQuery, Node.js, React, Vue.js, Webpack, Angular(js), Jest, Bootstrap, Tailwind, Mocha

Databases
MySQL, PostgreSQL, Oracle, DB2, MongoDB, RethinkDB

IAC/Cloud/DevOps
AWS (EC2, ECS, S3, SQS, SNS, CloudFront, CloudWatch, LBs, VPC etc.), Terraform, Pulumi, Ansible, Chef, Jenkins

WORK EXPERIENCE

VSWare/Visma Labs IE, Dublin Ireland

Software Architect | 1/2019 - Present
- Consulting development teams on technical approaches, best practices, architectural guidelines and processes
- Planning and introducing migration from monolithic architecture to modular monolith and microservices
- Moving workloads from VMs to containers, production builds and internal tooling (Jenkins, Selenium grid)
- Managing build pipelines for FE and BE

Head of FE Engineering | 9/2017 - 1/2019
- Development of School Administration platform
- Leading customer facing development and user experience, managing a team of 16 developers
- Architecting and managing migration of FE app from legacy JQuery/JSP to modular Vue.js SPA with individually built/imported modules
- Overlooking FE development teams, resourcing and processes

Senior Software Developer | 9/2017 - 1/2017
- Designing and implementing Java Spring & Vue.js features

Brandtone Ltd, Dublin, Ireland

Senior Software Developer | 8/2015 - 4/2017
- Leading the development efforts on core capabilities of the biggest product within the company
- 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 (IAC) and chatops via Hipchat and Hubot

Other Technologies
IntelliJ, Haskell, Ubuntu, ActiveMQ, Red Hat, Glassfish, Tomcat, WID, WPS, Grafana, AppDynamics

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Open source projects
github.com/Xantier/nerd-stack

github.com/Xantier/prometheus-db-exporter

https://github.com/Xantier/differentiator

github.com/Xantier/bound-ttr

Contact
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LinkedIn:
linkedin.com/in/jussihallila/
Twitter: @Xantier
Github: Xantier
StackOverflow: Xantier

Certifications
AWS Solutions Architect Professional - Sep 2019

AWS Solutions Architect Associate - Aug 2019

Other
Published course on full stack Kotlin development (Spring, React):
https://www.packtpub.com/product/full-stack-kotlin-development-video/9781788478427

Ran Kotlin meetup in Dublin 2017-18

- Taking ownership of build engineering by restructuring build processes, automating deployment pipelines with Jenkins. Introducing code quality processes

Liberty Information Technology, Dublin, Ireland

Software Engineer | 12/2014 - 8/2015
- Developing SOA web services with IBM Websphere Integration Developer to calculate insurance rates

Unique Digital, Dublin, Ireland

Software Developer | 6/2014 - 11/2014
- Constructing Vaadin views for movie software
- Creating and modifying UI components, implementing CSS changes, implementing cross browser multimedia functionality

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 MVC/Hibernate
- 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
- Setting up continuous integration server and introducing automated testing processes using Jenkins

CERN, European Organization for Nuclear Research, Geneva, Switzerland

Web Developer & DBA | 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