DANIEL KOLSI - SR. SOFTWARE ENGINEER / CONSULTANT

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Skype: danielkolsi

Portfolio: https://danielkolsi.github.io/

Project resume:
https://danielkolsi.github.io/docs/resume.html

LinkedIN: https://www.linkedin.com/in/kolsi/

Developer story: https://danielkolsi.github.io/docs/ds.html

Current residence: San Luis Potosi, México

Marital status: married
Nationality: Finnish (eligible to work anywhere in EU/UK)

Date & place of birth: 21.08.1975, Stockholm, Sweden

Languages: Finnish (native), English, Swedish, Spanish, German, Hebrew

Profile

A seasoned full-stack software professional with 20+ years of experience. I've served multiple international customers as a software consultant. Deep expertise from Java (JEE), Javascript (MEAN + ReactJS) and DevOps. Scrummaster certification and Android app development experience (published in Google Play). Lateral out-of-the box thinker with an ability to solve complex problems and to focus on essential. Strives to deliver and to increase ROI. A strong demoscene background from early 90s. Over 10 years of startup experience. I prefer agile development. How can I help you?

Experience
owner / engineer, FaceOP (Finland + México), 2014-

Visioned and developed from scratch a full-stack app for profile matched face-to-face group meetings at Google Play (Android Java). Side-projects include ReactJS chess-solution prototype engine and multiple NodeJs projects. More information: http://www.faceop.com

Used technologies (mobile, full-stack, db, testing & bug tracking)

- Android Java (extensive Google APIs and maps usage, POIs, OAuth2 full implementation etc), XAMPP, Apache, GitHub, MEAN stack, ReactJS, MongoDB+Mongoose, SQLite & MySQL (Android), Eclipse, Java8, REST/CRUD, Spring & Spring-Boot, JUnit, TDD/BDD, MoreUnit, Mocha, Sonar Reports, Hudson, PMD, ECLEmma, JRebel etc.

Experience
Aalto Protomo member, Protomo, Helsinki, Finland, 2013-2014

Government sponsored program for (Aalto Protomo) for entrepreneurship.
Visioned and build an early prototype for an app for "meeting your yet unknown soulmates" (GPSMeet).

Used technologies

- XCode + Objective C, Appery.io cloud development (Javascript), Parse DB

Experience
Software consultant, Perigeum Oy, Helsinki, Finland, 2008-2013

Served multiple international companies headquartered in Helsinki capital area. Included also internal education & projects at Perigeum's office related to big data (Hadoop) technologies.
Customer projects will be listed in appropriate details below. Some details are omitted due to NDAs.

Customer project
Consultant, Itella Oy, Helsinki, Finland, 2008-2009

Used technologies
- Java, JSP, portals, XML & WSDL & web services, HTML + CSS

Customer project (under NDA)
Consultant, NSN/Nokia, Helsinki, Finland, 2009-2010

Used technologies
- Java (JEE), web services, Oracle WebLogic 8-10

Customer project
Consultant, CGI, Helsinki, Finland, 2010
Used technologies
- Java, Spring, Hibernate / JPA, scrum, JIRA, CI + DevOps

Customer project (remote)
Consultant, CGI, Tampere/Helsinki, Finland, 2010

Used technologies
- Java, HTML + Javascript (form processing)

Customer project
Consultant, OP-Pohjola, Helsinki, Finland, 2011
Used technologies
- Java + Spring, Javascript + JQuery, HTML + CSS

Customer project
Consultant, Vaisala Oy, Vantaa, Finland, 2011-2012

Project description
Engineered a weather (precipitation etc.) condition monitoring applications for e.g. helipads (international end customer, NDA).

Used technologies
- Java, Spring etc.

Experience
Senior software engineer, Medicel Oy, Helsinki, Finland, 2003-2008
Created multiple tools and applications for processing and matching biochemical data and motifs, visualising data sets, gene ontologies and biochemical pathway navigation. Basically I was part of a team that built a massive integrator software to be used for rational drug research &

development. I created for example a mass spectrometry visualisation application which took mass spectrometry peak data as input and visualised it and allowed the user to further visually analyse the data within the application.

Used technologies

- Oracle SQL, Eclipse & Java (JEE), cruise control, JBoss, JIRA, bug rat, unit testing, DevOps (CI)

Experience
Software developer, Quartal Oy, Helsinki, Finland, 2001-2002
- Created financial software with Java, e.g. for a financial statement analyser.

Experience
Research assistant, computer science laboratory, Helsinki University of Technology, 1998-2000

Description
Used Java and HTML to build applications for helping in learning computer science basics (CS course material).

Education & academic status
Helsinki University of Technology (current Aalto university), MSc of computer science (96-03), eligible for phd studies, title of master's thesis: "An Intelligent Method for Visualizing and Navigating Biochemical Pathways" (grade: 4/5)

Skills
Java 2-8 (JEE), Spring[MVC/Boot], Hibernate / JPA, REST / CRUD, DevOps (CI/CD), agile & scrum, project management, Javascript, NodeJS, MEAN-stack, ReactJS, C, Pascal, MC68k asm, Basic, unit testing (Java / Javascript), Selenium, Eclipse (since 2003), Hudson, Sonar reports, JIRA, mobile development (especially Android), software architecture, design patterns and modelling.

Ability to create software from an idea to production (e.g. to Google Play) according to the required coding conventions (e.g. linting). Team working and project coordination / management skills. Remote working experience.

My developer story since 1990: https://danielkolsi.github.io/docs/ds.html