CURRICULUM VITAE

Nilsson, Johan
+447741600018
jonh04@gmail.com
Newport, Wales, United Kingdom
www.johanilsson.com

Citizenship: Swedish
Nationality: Swedish
Date of Birth: January 2nd, 1985
Place of Birth: Ystad, Sweden

Profile

I am a driven young man, calm, structured and independent, who embraces the continuous practices and ideals, especially in learning, improvement, testing, integration, and deployment.

As an analytic problem solver, I strive to learn new things every day to nourish my desire of being a fresh and innovative software craftsman.

On a daily basis, the languages, frameworks, libraries and tools that I work with include .net, c#, Resharper, git, AngularJS, NancyFx, MVC, WebAPi and Entityframework.

My spare time is divided amongst my pet project: a social community centered around revolutionizing scuba dive logging, startups, the gym and reading.

Within architecting, designing, and the building of software components and systems, I especially appreciate tackling anything that is complex, event-driven, distributed, and requires scalability. I have throughout my career thrived through full stack development and by being involved in and understanding the full software development lifecycle.

I enjoy learning new technologies and techniques, which allow me to find better solutions to problems and I strive to keep sensibility and appropriateness the key points when approaching design and decisions.

Experience

2016-04 to 2016-07   USA (Full Remote)
Full stack developer at Connections Education - www.connectionseducation.com
Connections Education® is an accredited provider of high-quality, highly accountable virtual education solutions for students in grade K–12.

AngularJS, C#, DDD, Git, Gulp, Ejabberd, Event-driven Architecture, Jasmine, Karma, LESS, .Net, RabbitMQ, Strophe, SPA, VSTS, Xmpp

2015-05 to 2016-06   FundingInvoice
Founder and CTO
Architected, designed and developed a crowd-funding platform where small and medium-sized enterprises are given the means of offering their invoices up for sale to investors. This enables access to funds at a significantly earlier date than the invoice is expected due.

Azure, AngularJS, C#, DDD, Entity Framework, Gulp, LESS, MangoPay, .Net, NancyFx, PayPal, SPA

2015-02 to 2016-03   London, United Kingdom (Full Remote)
Senior developer at Acumentive – www.acumentive.com
Acumentive specializes in creating and developing innovative auto-ID solutions, which combine barcode, RFID and RTLS technologies.

Managerial and technological achievements include: Product lead on multiple systems. Responsible for architecture and design of existing and new systems. Mentoring and working with both local colleagues offshore outsourced workforce. Responsibility for improving and updating the technology stack and development environment (introducing angular, Nuget, gulp, Kanban board, Entity framework, DDD, Composition over inheritance, typescript), and improving on processes and taking a leaner approach to execution.

Development achievements include: Defining, architecting, designing, implementing and deploying two solutions from scratch. One being a restful high transactional (thousands of requests per minute) api from multiple sources (mobile and pc) at the same time and supporting multiple different OAuth implementations. The other being a modular MIS platform (Management information system) supporting dynamically loaded reports using a modular architecture. Extended the existing system with flexible subscription/tracing and notification support as well as empowered the visualization of tracked assets through very rich maps (searching, filtering, panning, zooming, click and hover details) using both google and BING maps and their geocoding apis.

AngularJs, ArangoDb, C#, Composition over inheritance, DDD, Entity framework Code first, Gulp, IOC/DI (Ninject), .Net, Nuget, Resharper, Service oriented architecture, SPA, Typescript, WebApi

2014-08 to 2015-01   London, United Kingdom
Senior developer at EasyRoommate – www.easyroommate.com
Having led the implementation of two distributed micro services, a search service and an email service, I've gain working knowledge in the area of search and more specifically Xapian and Elasticsearch as well as exercised my knowledge in distributed system design and software architecture. I have also built small tools using AngularJS to simplify otherwise cumbersome tasks e.g

leveraging Google's service to geocode addresses into coordinates of latitudes and longitudes as well as a test client for manually consuming the search service.

As well as holding various tech demos introducing, helpful libraries to simplify everyday life and improve code quality I have also helped improve the git workflow by changing it into one centered around rebase. Some enrichment to the scrum process with ideas taken from Kanban was also done that immediately resulted in improved visibility, self-organization, team member engagement and control, performance and overall simplification of everyday work.

Architecture, AngularJS, Asp.Net MVC, Asp.Net Web Api, C# 4.5, CI, DDD, Design, Distributed Search, Elasticsearch, Git, IOC, LINQ, Microservices, .Net, NancyFx, NCrunch, Resharper, TDD, Visual Studio 2013, Xapian, xUnit

2013 – 2014

DiveLoggers is a single-page application related to scuba diving. With the goal of creating a social community around scuba diving and to rethink how dive logging is done by connecting everyone's thought and experiences into a combined story, like a dive diary.

AngularJs, Azure, C#, Cloudant, CouchDb, Google Maps, Jasmine, Karma, .Net, NancyFx, SPA

2011-10 to 2014-08   Willemstad, Netherlands Antilles

Senior front- and backend developer at Pinnacle Sports – www.pinnaclesports.com
As an ambitious and integral part of the research and development team, responsible for planning, structuring, designing, architecting, implementing, testing and deploying.

Lead and implemented a full integration against a third party trading platform.

Leading the build of our single-page application web site for configuration of internal tools, while at the same time mentoring my colleagues on single-page application frameworks and automated web testing.

Implementing various kinds of automation of internal processes.

Building numerous infrastructure components allowing for re-usability of different shared functionality in services (i.e. installation, maintenance clean-ups, and fault tolerance), messaging (i.e. contracts, topic-building, and subscription), and caching (i.e. generic cache, with support for multiple implementations, for population, change-notification, push-updates, and clean-up strategies).

Introduced my team to test driven development. Through training and education, explained to my team the benefits of automated regression tests. One step further, taught test driven design, helping them to understand that TDD is more about architecting and designing your system (i.e. modularizing your code and separating both concerns and responsibilities). Wrote testing infrastructure in the form of helpers and runners, to simplify and minimize tests and clean up the test suite.

Taught the team about continuous integration and implemented this practice in our projects.

In general, pulling things together, making life easier and systems more testable, robust and maintainable. Helping out wherever I can, while at the same time creating dependable, clean code.

Architecture, AngularJS, Asp.Net MVC, C# 4.5, CI, CSS, Design, Distributed, EasyNetQ Event-driven, Git, IOC, Ninject, Jasmine, LINQ, Messaging, MsSql 2012, Microservices, .Net, NancyFx, NCrunch, RabbitMQ, Resharper, scalability, TDD, TFS, TopShelf, Visual Studio 2012, xUnit

2011-05 to 2011-07   Helsingborg, Sweden

Contract technical consultant at LäraNära AB – www.laranara.se
Acting out the role as technical consultant on contract basis.
- Taught version control workflow using Mercurial
- Configured Continuous integration with automated builds and testing using Jetbrains TeamCity.
- Implementation of a notification module with different levels of notifications and recipients.

CI, Mercurial, TeamCity

2010-02 to 2011-06   Halmstad, Sweden (Full Remote)

Remote Developer at Esteam Ab – www.esteam.se
Esteam is a world leader in machine translation.

Duties and responsibilities
- Deployment
- Lead Developer
- Work with latest Microsoft technologies daily
- Installation, configuration and maintenance of TFS, windows server 2008, MSSQL 2008, IIS
- Keeping up to date on technology
- Testing
- Development (Front-end and Back-end)
- Full Software Development Life Cycle
- Responsible for CI, development and build environments

Asp.Net 4, C# 4.0, CSS, Continuous Integration, DotCover, Entity Framework 4, Full System Development Lifecycle, Inversion of Control (IoC), JQuery, MVC 3, MsSql 2008, LINQ, Razor, ReSharper, Team Foundation Server (TFS) 2010, Windows Communication Foundation (WCF) 4, Windows Server 2008, Windows Workflow Foundation (WF) 4, Visual studio 2010.

2009-10 to 2010-02   Halmstad, Sweden

Web developer at Mecs AB – www.mecs.se
Mecs is an advertising bureau specialized in creating both advertisement for companies, TV and Web. Mecs is the only supplier of advertisement for SF bio among other big companies.

Duties and responsibilities
- Improve architecture of current websites and databases
- Developing bostruktur.se
- Providing knowledge about new technologies and frameworks
- Configuring Trac and provide structure to their development cycle

Asp.Net 3.5, C# 3.5, C# 4.0, CSS, Flash, JavaScript, MsSql 2008, LINQ, ReSharper , Svn, Trac, Visual studio 2010

2009-01 to 2009-10   Karlskrona, Sweden

Web developer at Mailopages Sweden AB – www.mailopages.se
Mailopages is a website where users can search for persons or companies and contact them via email without the recipients' email being shown. Because of this people can publish their profile and connect it to their email without risking spam.
Duties and responsibilities
- Invent, plan, design, implement, improve and test functionality
- Two developers doing everything from scratch
- Single developer for 3 weeks during vacation
- Configuring and administering Trac and Svn

Agile, Asp.Net 3.5, C# 3.5, CSS, Flash, Full System Development Lifecycle, Inversion of Control (IoC), JavaScript, JQuery, Linux, MVC framework, MsSql 2008, LINC, Search engine optimization, Svn, Trac, Visual studio 2008, ReSharper

2009

Built a site that helps visitors find different types of social activities near their location. This project was for a family member and I took the opportunity to teach myself Ruby on rails for the implementation.

ActiveRecord, Ruby on Rails

2008-08 to 2008-12   Karlskrona, Sweden

System developer at Softhouse Consulting Baltic AB – www.softhouse.se
Develop a platform for Telenor in scrum to be able to track transports going through Europe. Situation: A GPS/GSM module is mounted on the transport. The module is configured from the GUI to send GPS position observations at specified times. These observations will be saved in a database and presented in the GUI with additional enrichment information as well as a world map. The GUI provides administration of customers, users and different roles.

Eclipse, Hibernate, Java, Jboss, Linux, Maven, Scrum, Seam, Spring, Subclipse, Svn, TDD

2007-01 to 2007-07   Ronneby, Sweden

System developer for Chambersign AB – www.chambersign.se
Chambersign is a company acting as a "Trusted Third Party" and provide services to make digital signatures be juridically binding.
Duties and responsibilities
- Develop a secure signing platform from scratch
- Project leader
- Developer
- Responsible for deliveries (quality, functionality and deadline)

Asp.net 3.5, C# 3.5, Cryptography, Hash, Marratech, Message digest, PKI, Scrum, Svn, TDD, Visual Studio 2005

2006-01 to 2006-04   Karlskrona, Sweden

Library programmer Outpust24 – www.outpost24.com
For outpost24, which is a company focusing on network security and penetration testing. I implemented a network time synchronization library (NTP) in C for Linux.
Duties and responsibilities

- Communications held in English
- Investigate NTP by reading RFQ
- Implement library based on knowledge found in RFQ
- Apply with time synchronization standards

Bit-shifting, C++, Linux, Security, Socket programming, Svn

Education

2007 to 2008

Attended a Master program in Security Engineering at Blekinge School of technology but did not complete due to lack of security related courses.

2004 to 2007

Attended and completed a Bachelor program in Security Engineering at Blekinge school of Technology. Including courses in Software, Network and Social Security.