

Kristian Kristensen

425 E 74th St, 3A
New York, NY 10021

Phone: +1 917-971-2649

kristian@kristenseninc.com
<http://kristiankristensen.dk/blog>
<http://linkedin.com/in/kristiankristensen>
<http://github.com/kristiankristensen>

EXPERIENCE

VP of Engineering, Alphaworks Inc. — February 2014 – Present

Alphaworks is an Equity Crowdfunding platform founded by Betaworks. Lead investors include SV Angel and Lerer Ventures.

Built a transactional platform that raised \$1M USD for a number of companies, most notably Gimlet Media, Giphy, and Quibb.

Responsible for hiring, mentoring and career development as well as effectively translating business concepts into product. Building a professional, disciplined and deliberate engineering organization which thrives within a diffuse and regulated domain. Automated Testing, Metrics Driven Engineering and Continuous Integration & Deployment all support this goal.

Alphaworks is built on AWS using Python, Flask, MySQL (RDS), ElastiCache (Memcache, Redis), Celery, masterless Puppet, git, Docker, etc.

Engineering, Venmo — February 2013- February 2014

Engineering Manager - Platform – June 2013 – February 2014

Managed and mentored the 15+ engineers in the Platform team which consisted of Infrastructure/Ops, Architecture and Backend. Ensured Platform kept up with rapid growth in users and transactions MoM. Recruited and hired new engineers.

Senior Software Engineer, February 2013 – June 2013

Development for the Venmo and Venmo Touch product using Go, Ruby, Python, Django, Tornado backed by MySQL, Mongo, and Redis hosted on AWS.

Internal teaching and mentoring on Test Driven Development, Continuous Integration, Metrics Driven Engineering, etc.

Self employed and owner of Kristensen Inc. — January 2012-February 2013

Consultant: Software Engineer, Betaworks, August 2012 – January 2013

Software Engineer on the backend for the PhotoSwirl project (www.photoswirl.us), an iPhone application that integrates and aggregates media shared across Instagram and Twitter. Backend developed in Go using MongoDB as data store, Redis for transient storage, REST API interfaces for Instagram and Twitter and hosted on Amazon EC2.

Consultant: Software Engineer, MSD Capital L.P., January 2012 – August 2012

Responsible for developing a Visual Studio Tools for Office (VSTO) Add In for document augmentation used for extracting investment analysis memos for data mining. Integrates with existing proprietary data sources to link up with extra information and data. Tool is used by investment professionals during the research process. Utilizes Visual Studio Tools for Office (VSTO), .NET, SQL Server.

Assistance in migration from legacy document management system to Microsoft Sharepoint. Primarily developing TSQL for extracting document metadata.

Various other .NET and SQL Server development projects.

Research Project

Prototyped a hosted VoIP PBX in the cloud utilizing FreeSwitch, OpenSIPS, Kamailio, Erlang and Python.

Self employed and owner of WhizIT ApS — 2000-2012

Consultant: Developer, Advisor, Notaplan ApS, March 2011 - 2013

Development of a bridge that exposes an existing WCF SOAP web service protected by Windows Identity Foundation by REST. This included implementing an OAuth/SWT token issuer interfacing

with ADFS 2.0, bridging SOAP operations via REST.

Development of a mobile application that interfaces the above mentioned REST interface.

Technologies used include Sencha Touch (HTML5, JavaScript), PhoneGap to package app as iPhone and Android app available via the AppStore/Market.

Consultant: Developer, UVdata A/S, September 2010 – March 2011

Responsible for the full lifecycle, analyzing, requirements gathering, architecting, developing, testing and putting into production, of a system which integrates with the Danish IRS to extract income data on a monthly basis for 400K+ people. The system is built to be highly scalable using elements from Domain Driven Design (DDD), Event Sourcing, and Messaging. Technologies used include Windows Server AppFabric, WCF, WF, C#, and Castle Windsor.

Design and implementation of a companywide Microsoft TFS Version Control and Build Server for Continuous Integration. Teaching proper use to the engineering organization internally.

Consultant: Lead Architect, Advisor, Notaplan ApS, September 2010 - 2012

Coach, advise, and teach a small team of developers on topics including architecture, coding practices and technology direction. This includes patterns for Service Oriented Systems, development techniques and processes.

Consultant, Microsoft Enterprise Services, Denmark— 2007-2010

Lead Developer, Customer Care Framework 2008 (CCF) project, major Danish Telco (Phase 3)

Responsible for on-time delivery and quality of work for myself and two developers.

Responsibilities included cooperating with other Lead Developers, Architects, PMs as well as the customer to achieve successful results. Software development practices used included Scrum, unit testing and basic TDD, continuous integration. Project was deployed to production in July 2010.

Lead Developer, Customer Care Framework 2008 (CCF) project, major Danish Telco (Phase 2).

Project was completed with very high customer satisfaction (Top Box) in August '09 and is in production deployment and used by 800+ call center agents.

Release and Operations Manager, Customer Care Framework 2008 (CCF) project, major Danish Telco (Phase 2).

Responsible for deployment, configuration and migration between dev, test, staging and production environments. Developed a tool in .NET and WCF for automatically migrating configurations between environments. Project is currently in production and is used satisfactorily by 100 Call Center Agents. Involved in the full lifecycle for the last two phases of this project including envisioning, planning, building, stabilization and maintenance. All three projects have been delivered on time and budget with Top Box CPE.

EDUCATION

Hacker School – Fall 2011 – www.hackerschool.com

Part of batch[1]. Created TweetHose, EM-SMSified, ErlChat, and Erloku. All available via my Github profile.

Aalborg University — Master of Science in Software Engineering, June 2007

Thesis: Ecstatic – Type Inference for Ruby Using the Cartesian Product Algorithm – <http://bit.ly/ecstatic-ruby>

West Virginia University, USA — Exchange Student, Fall 2006

Courses: Data and Computer Communications, Computer Network Forensics, Management of Small Business, New Ventures Creation, ESL: Academic Research and Writing; all with a 4.0 GPA.

MISCELLANEOUS

Speaking

Erlang DC, December 2013 Brewing ALE with Pi

How Erlang and the Raspberry Pi can be used to brew beer.

JA00/GotoCon 2010, Iron - An Introduction to Getting Dynamic on .NET*

Presenter at JA00, an internationally recognized software development conference, on IronRuby and IronPython. Full presentation is available online: <http://bit.ly/ironjaoo>

Community Day 2010, Iron Languages – IronRuby and IronPython

Slides and material available from: <http://bit.ly/ironcd10>

Microsoft TechTalk 2010, Iron Languages – IronRuby and IronPython

Slides and material available from: <http://bit.ly/mstech10>

Internal company presentations, Practical introduction to TDD and BDD

Writing

Reviewer, Version Control by Example by Eric Sink, July 2011

Technical Reviewer, Sencha Touch Cookbook by Ajit Kumar. Published December 2011.

Technical Reviewer, Sencha Touch Hotshots. Packt Publishing. To be published H1 2013

Certifications

I hold a plethora of Microsoft certifications.

Certified ScrumMaster (CSM) since 2010.

Danish Citizen and a US Permanent Resident. My mother tongue is Danish. I speak and write fluently in English and get by in German.