

# Masashi Kobayashi

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## CONTACTS

E-mail: [masashi@makeanart.com](mailto:masashi@makeanart.com)  
Web: <https://masashik.github.io>  
LinkedIn: <https://www.linkedin.com/in/masashik>  
GitHub: <https://github.com/masashik>  
StackOverflow: <https://stackoverflow.com/users/1848559>

## INTRODUCTION

10+ years experienced software engineer in banking, telecommunications, and startups with enterprise API architecture background.

## TECHNICAL SKILLS

- Programming languages - Java, JavaScript, Objective-C, Bash
- Technologies - Docker, Jenkins, GitHub, Bitbucket, Azure-DevOps, Nexus, PingFed, Okta
- Tools - Vim, IntelliJ, Xcode, VSCode, Git, Maven, NPM, Make, JUnit4, Mockito
- Databases - MySQL, Oracle
- Cloud - AWS/Azure/Cloud Foundry/OpenShift
- Framework - Spring-Boot, Dropwizard, Angular, React
- OS - RHEL, CentOS, macOS, Windows 10
- Architecture - REST, Microservices, Stateless, Reactive, SAML2.0, OAuth 2.0, OIDC

## PROFESSIONAL EXPERIENCES

**TD Bank Group**, Toronto, Ontario. Canada.

*Full-time - Enterprise Architect*

March 2017 – April 2021

- Developed and delivered a virtual online banking platform for a series of hackathon events and ranked third place in one of them by the number of total participants competing with other hosts.
- Developed and delivered a mobile payment application as United Way donation campaign, and the iOS mobile payment application surpassed the competing Android application by the number of user installations and the number of donations made by end-users.
- Delivered 30+ major API integration projects through rigorous checks and reviews for enterprise API clients by enforcing OAuth2.0 grant types implementation.
- One official granted a patent in both the USA and Canada and seven other pending ones from the United Way mobile pay project and the automated home scoring solution.
- Providing successful mentorship for four co-op students and two junior technical associates with the hands-on help of software development.

**Equifax**, Toronto, Ontario. Canada.

*Contract - DevOps Engineer*

May 2016 – March 2017

- Designed and implemented CI/CD pipeline for enterprise credit check web application with bash script automation to eliminate repetitive and error-prone manual hands-on command-line tasks.
- Designed and implemented an automated deployment solution for the web application testing tool to remove manual chat-based communication tasks for developers and testers with a cron job and a bash script.
- Responsible for release engineering of DEV/QA/UAT/PROD environment by managing a pool of virtual machines and performing a late-night scheduled task to avoid the peak traffic during the day by coordinating with a remote team in a different timezone.

**Sentaca**, Toronto, Ontario. Canada.

*Contract - Senior Software Developer*

September 2015 – March 2016

- Developed and delivered the first kick-off POC of the redesigned TELUS business partner portal with new UI/UX and new front-end framework, and the successful demonstration followed with the TELUS executives and their technical architects.

**Terapeak (acquired by eBay)**, Toronto, Ontario. Canada.  
*Permanent - full-time - Senior Full Stack Developer* April 2015 – August 2015

- Terapeak sales item search result was improved by adding Alibaba's Wholesale API, which enables Terapeak's front-end search API to combine Alibaba's search results of sales items mixed to have a content-rich display for the end-users.

**ComQi (Bagg Technology Resources)** , Burlington, Ontario. Canada.  
*Contract - Software Developer* October 2014 – April 2015

- Developed and delivered public APIs of the on-premise ComQi's digital signage management software engine. With the public APIs the digital signage end-user can control the software engine through the internet, and remote management has become much easier than before.

**BoldRadius (acquired by Lightbend)**, Ottawa, Ontario. Canada.  
*Full-time - Software Developer* April 2012 – April 2014

- Developed, operated, maintained, and continuously delivered a cancer care program management and scheduling software for Ontario's cancer survivor caregiving non-profit organization. Hundreds of cancer survivors successfully use the program management and scheduling software to help achieve their better health conditions.

**Superna**, Ottawa, Ontario. Canada.  
*Full-time - Software Developer* August 2011 – March 2012

- Troubleshoot several bugs of the network security web portal and the desktop client application for Superna's fiber-optic network element planning tool, which the telecommunications clients use.

**GREE**, Tokyo, Japan.  
*Full-time - Software Developer* Jan 2011 – June 2011

- Achieved a multimillion-dollar revenue per month by implementing exciting and addictive social game events by researching and developing GREE's social networking service platform.

**Superna**, Ottawa, Ontario. Canada.  
*Co-op - Software Developer* May 2010 – August 2010

- Developed and delivered Superna's custom-developed inventory tracking system for software projects, which a telecommunications client uses.

**BlackBerry** , Waterloo, Ontario. Canada.  
*Internship - Test Automation Developer* May 2008 – April 2009

- Developed and delivered custom-built software testing framework and test scripts for black-box software test automation of BlackBerry Enterprise Server and GroupWise groupware.

**Shell**, Calgary, Alberta. Canada.  
*Co-op - Programmer Analyst* Jan 2008 – April 2008

- Developed and delivered software test automation script by Solstice Integra for the webMethods business logic and associated testing data types.

## EDUCATION

**Acadia University**, Wolfville, Nova Scotia. Canada  
Bachelor of Computer Science September 2005 – December 2010