

Masashi Kobayashi

CONTACTS

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INTERESTS

Growing software developer community and practice software engineering for product development through establishing solid software architecture. vim/zsh/terminal/macOS are my favourite work environment stack.

TECHNICAL SKILLS

- Languages - Java, Objective-C, JavaScript, Bash/Zsh
- OS - RHEL, macOS, Windows 10
- Tools - Vim/IntelliJ/Xcode, Maven, Git/Github/Bitbucket, Jenkins, Nexus
- Security & Architecture - REST, OAuth 2.0, Web API
- Cloud - AWS/Azure

PROFESSIONAL EXPERIENCES

Toronto-Dominion Bank Financial Group, Toronto, Ontario. Canada.

Permanent full-time - Enterprise Architect

March 2017 – Present

- Enterprise API architecture governance, consulting and pattern development.
- Security architecture consulting for enabling third-party app to consume enterprise APIs.
- Custom framework development for enterprise authentication and authorization services.
- OAuth2.0 enforcement for mobile banking app security architecture.
- Designed an Azure based cloud-native Web API framework.
- A patent filed technology solution architecture development for a smart home insurance business.
- A patent granted end-to-end QR code based mobile payment security system development.
- Run corporate hosted hackathon events and prepared a virtual online banking platform.
- Mentorship for several co-op students and junior developers

Equifax, Toronto, Ontario. Canada.

Contract full-time - DevOps Engineer

March 2016 – February 2017

- Design CI/CD pipeline for enterprise credit check web application.
- Deployment automation of web testing tool.
- Release engineering for DEV/QA/UAT/PROD environment.

Sentaca, Toronto, Ontario. Canada.

Contract - full-time - Senior Software Engineer

September 2015 – February 2016

- UI/UX design and front-end development for TELUS enterprise API management portal.

Terapeak, Toronto, Ontario. Canada.

Permanent - full-time - Senior Full Stack Developer

April 2015 – August 2015

- API development in Java with Elasticsearch and JEST client.
- Data science backed algorithm implementation for sales item search results in front-end.
- Codebase migration from PHP to Java and JavaScript for the Terapeak's marketing platform.
- API integration with the Terapeak's marketing platform APIs and Alibaba's wholesale search private APIs.

ComQi, Burlington, Ontario. Canada.
Contract - full-time - Software Developer October 2014 – March 2015

- RESTful Web API development for public-facing APIs to manage ComQi's digital signage management portal and support QA engineers and other software developers as reliable technical resource.

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

- Full stack development lead for an online appointment scheduler for a cancer care institution in J2EE/GlassFish database web application.

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

- Troubleshooting to fix issues of the network security web portal and the desktop J2SE client application for the Superna's fibre optic network element planning tool.

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

- PHP database web application for GREE's social network service.

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

- J2EE database web application development of the project management tool and its user manual.

BlackBerry, Waterloo, Ontario. Canada.
Internship - Software QA developer May 2008 – April 2009

- SOAP API development for black-box integration testing of BlackBerry Enterprise Server and Novell GroupWise server.

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

- Documentation of the Shell's retail gas station sales data types to build an automated validation of EDI formatted transaction data with webMethods and Solstice Integra software.

CERTIFICATES Microsoft Certified: Azure Fundamentals:
<https://www.youracclaim.com/badges/bbcd8fc4-85d8-4e99-a00f-3f09803b77bd>

PATENTS US10880288B2/US10834096B2 - Methods and systems for controlling access to a protected resource
<https://patents.google.com/patent/US10880288B2>

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

LANGUAGES Native in English and Japanese