Masashi Kobayashi

CONTACTS	E-mail: masashi@makeanart.com Web: https://masashik.com LinkedIn: https://www.linkedin.com/in/masashik GitHub: https://github.com/masashik StackOverFlow: https://stackoverflow.com/users/1848559
INTERESTS	Large-scale microservice architecture and developer friendly API platforms with security, robustness, resilience, low latency, high availability, and observability

TECHNICAL SKILLS

- Language - Java(7/8/11/17), Objective-C, JavaScript, Bash/Zsh
- Framework - Spring-Boot, Dropwizard, SparkJava/Javalin, Angular, React
- OS - RHEL/CentOS/Debian/Ubuntu/SUSE, macOS, Windows 10
- Editor - Vim/IntelliJ/Xcode/VSCode
- Build - Maven, Jenkins, Nexus, Docker, GitHub Actions, Azure DevOps(VSTS)
- SCM - Git/GitHub/Bitbucket
- Architecture - REST, Microservices, Stateless, Reactive
- AuthN&AuthZ - SAML2.0, OAuth 2.0, OIDC, PingFed, Okta
- Cloud - AWS/Azure

PROFESSIONAL EXPERIENCES

Toronto-Dominion Bank Financial Group, Toronto, Ontario. Canada.
Permanent full-time - Enterprise Architect   March 2017 – April 2021

- Containerized JVM microservices development and automated deployment to Azure Container Service and a Cloud-Foundry enabled and managed Kubernetes platform (Pivotal Web Services) for corporate and public-facing hackathon events.
- Embedded iOS security framework development for a patent granted end-to-end QR code based mobile payment solution.
- Developing and defining enterprise API architecture patterns (API Gateway, Service API)
- Security architecture assessment for API integration with third-party applications
- Hands-on SDK development for authentication and authorization services.
- Mentorship for 4 juniors and 2 co-op students

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