

MINGLIANG (GARY) GE

+1 (416) 877-3057 | garygml@outlook.com | Toronto, Ontario, Canada

SUMMARY

- 7+ years of professional IT experience in Analysis, Design, Development and Testing of Client/Server, Web enabled Business Applications using **Java** (J2EE).
- Proficiency in developing **Single Page Web Applications** server-side development using **Spring, SpringBoot, Hibernate, Spring Data, Spring JDBC, Spring MVC, Struts 2, JSP, JSTL, XML**;
- Experience in front end web page scripting languages like **HTML5, CSS3, jQuery, JavaScript, Angular2/4, Bootstrap** and **node.js**.
- Experience in SQL/No-SQL databases such as **Oracle, MySQL, MongoDB, Neo4j**;
- Experience in application authentication with **Spring Security**;
- Experience in implementing **RESTful Web Services** using **JSON**;
- Experience with **Maven, Ant** for dependency management/build/deploy web applications;
- Experience in **git** as project version control;
- Experience in developing and solid understanding of Microservices Architecture;
- Experience in deploying applications using **Kubernetes**, creating Docker images and utilize **Jenkins** CICD;
- Experience in working with various design patterns like MVC Architecture, Singleton, Observer, Decorator, Session Facade, Factory Pattern, Builder pattern, DAO pattern, etc.;
- Strong communication skills, actively involved in PI planning meetings to gather information and requirements from the dependent teams;
- Participated in design, development, testing, integration of the web applications under fast paced **Agile** environment as part of a **Scrum** team;
- Experience in **Scaled Agile** Framework, Certified SAFe Agilist.
- Experience in Project Management Tools, e.g. JIRA, Rally (CA Agile Central).
- Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.

WORK EXPERIENCE

Lumen Technologies, Inc. (CenturyLink), Littleton, CO, USA (2017 - 2018) / Toronto, ON, Canada (2018 – Present)

Lead Software Development Engineer, December 2021 – Present

Software Development Engineer, Oct 2017 – May 2018, July 2018 – December 2021

Project: CenturyLink Customer 360 Platform

Customer 360 is a customer data platform that allows viewing customer information from different sources in one place. Graphical representation is also available for customer accounts, orders placed, tickets created, service addresses and contact information.

- Spring Boot web APIs for monitoring / managing CenturyLink's customer information.
- Create microservices / RESTful web services for CRUD operations on customer data, customer identification, account details, order management.
- Integrated RESTful web service with graphql-spring-boot-starter to query customer data using GraphQL.
- Consuming existing microservices while handling HTTP requests.
- Integration of DataStax Cassandra database using CQL and Gremlin query languages.
- Export customer data from various databases, such as Oracle or MongoDB
- Create data pipelines utilizing Apache Kafka for data migration.
- Using Confluent Kafka Connect as streaming platform that brings data from source system to DataStax Cassandra.
- Documentation of web services with SwaggerUI.
- Provide maintenance and add-on features on existing web services.

BI WORLDWIDE, Edina, MN, USA

Java Developer, Mar 2016 – Jun 2017

Project: Verizon Rewards Program Platform

Verizon Rewards is a web platform that focuses on employee engagement, allowing Verizon employees to earn points/rewards by activities such as making sales, completing training and tasks, viewing products, recognizing colleagues, etc.

The platform also provides message checking, points redemption, scorecard, rankings, badges, quizzes, etc. Other side products are also available such as admin application, display board application and employee training websites.

- Develop new views on the main website, create RESTful web services for AJAX requests using Spring MVC and Struts.
- Perform CRUD operations on Oracle database using Hibernate and Spring JDBC.
- Create admin application for content setup and review, and user management based on user type.
- Collaborated with team members on static files / application deploys to Tomcat servers.
- Assist project managers in achieving the project goal, debugging web page issues, identifying resources and providing suggestion on project scope.

Experience as Full-stack Software Developer with IT consultancy firms:

Prodapt North America, July 2018 – December 2021, Toronto, ON, Canada

TechDigital Corporation, Jan 2016 – May 2018, Burnsville, MN, USA

EDUCATION / ACADEMIC HONORS

Master of Science

The Ohio State University, Columbus, OH, USA 2014-2015

Major Focus: Computing / Digital Systems

Graduation Date: December 2015

GPA: 3.18 (4.0 scale)

Research Assistant under Lisa Fiorentini, Clinical Associate Professor, Electrical and Computer Engineering

Bachelor of Science in Electrical and Computer Engineering

The Ohio State University, Columbus, OH, USA 2010-2014

Graduation Date: May 2014

GPA: 3.54 (4.0 scale)

- Dean's List (>3.5 GPA) 2.5 Years
- Recipient of International Undergraduate Scholarships
- Member of Ohio State Green Engineering Scholars Program

TECHNICAL SKILLS

Programming Languages:	Java; HTML/CSS; PHP; jQuery; Bootstrap; XML; JSON; JSP; SQL
Frameworks:	Spring; Spring Boot, Spring MVC; Hibernate / Spring Data JPA; Struts 2; JAX-RS; JUnit; Log4j; Angular 2/4; ReactJS;
Developer Tools:	Eclipse; IntelliJ IDEA; WebStorm; TextPad; Postman; SQL Tools, DBeaver; Ant; Maven;
Application / Web Servers:	GlassFish; Tomcat;
Databases:	Oracle; MongoDB, Neo4j, Cassandra
Version Control:	git;
Design Patterns:	Singleton, Session Façade, Factory, Front Controller, Proxy, DAO, Iterator, Observer;
Operating Systems:	Windows 10/8/7/XP, Linux, UNIX;

Certifications



Certified SAFe® 4 Agilist
Scaled Agile, Inc.
Apr 2019