MINGLIANG (GARY) GE

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SUMMARY

- 8+ years of professional IT experience in Analysis, Design, Development and Testing of Client/Server, Web enabled Business Applications using **Java**.

- Proficiency in developing **Single Page Web Applications** server-side development using **Spring**, **Spring Boot, 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**, **ReactJS;**

- Experience in application authentication with **Spring Security**;

- Experience in implementing **RESTful Web Services**;

- Experience with **Maven**, **Gradle** for dependency management/build/deploy web applications;

- Experience in **git** as project version control;

- Experience in developing and solid understanding of micro-service architecture;

- Experience in deploying applications using **Kubernetes**, creating Docker images and utilize **Jenkins** CICD pipelines;

- Strong communication skills, actively involved in 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;

- Experience in **Generative AI** frameworks like LangChain, developed AI applications on Google Cloud Platform;

- 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 micro-services / 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.

- Integration of DataStax Cassandra database using CQL and Gremlin query languages.

- Export customer data from various databases, such as Oracle, MongoDB and Cassandra.

- Create data pipelines utilizing Apache Kafka for data migration.

- Used Confluent Kafka Connect to stream data from source system to DataStax Cassandra.

- Provide maintenance and add-on features on existing web services.

- Created AI application on Google Cloud Platform with LangChain and Google Gemini Pro AI model.

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 pages on the rewards website, create RESTful web services 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, 2014-2015
The Ohio State University, Columbus, OH, USA
Major Focus: Computing / Digital Systems

Graduation Date: December 2015
GPA: 3.18 (4.0 scale)
Graduate Research Assistant at Department of Electrical and Computer Engineering

Bachelor of Science, 2010-2014
The Ohio State University, Columbus, OH, USA
Electrical and Computer Engineering

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; JavaScript; jQuery; SQL; Python
Frameworks:	Spring; Spring Boot, Spring MVC; Hibernate / Spring Data JPA; Struts 2; JUnit; Angular 2/4; ReactJS; node.js; LangChain;
Container Platforms:	Kubernetes with Docker images; Google Cloud Platform; GlassFish; Tomcat;
Databases:	Oracle; MongoDB; Cassandra; Neo4j
Version Control:	GIT;

Certifications

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