

MINGLIANG GE (GARY)

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SUMMARY

- Proficiency in Object Oriented programming in **Java**;
 - Proficiency in developing web applications and server side development using Spring Framework (**Spring, Spring Boot**), ORM frameworks (**Hibernate, Spring JDBC**), MVC frameworks (**Spring MVC, Struts 2**), Dependency injection, **JSP, JSTL, JavaScript, HTML/CSS, XML** with various **Design Patterns**;
 - Experience in Relational Databases (**Oracle, SQL**) and other databases (**MongoDB, Neo4j**);
 - Experience in application authentication with **Spring Security**;
 - Experience in implementing **JAX-RS RESTful web services**;
 - Experience with **Maven, Ant** for dependency management / build / deploy web applications;
 - Experience in front-end development with **AngularJS 4**;
 - Involved in meetings to gather information and requirements from the clients;
 - Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.
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WORK EXPERIENCE

IT Consultant / Full Stack Java Web Developer, *Mar 2016 – Present*

TechDigital Corporation, Burnsville, MN

Full stack Java developer with web application technologies:

- J2EE, Spring, Spring Boot, Spring MVC, Struts, HTML5, CSS3, JavaScript, JQuery, Spring Security.
- Data access with Spring Data, Hibernate, Spring JDBC, SQL, experience with No-SQL databases like MongoDB and SQL databases such as Oracle.
- RESTful Web Services. AJAX calls with content type JSON or XML.
- Experience with AngularJS 2/4, Angular CLI, ReactJS
- Unit testing with JUnit.
- Dependency management with Maven and Ant.

Worked as a consultant in two client projects. See PROJECTS section for more information.

Graduate Research Assistant, *Sep 2014 – Dec 2015*

Electrical and Computer Engineering, The Ohio State University, Columbus, OH

- Work on Unmanned Vehicle Swarm Implementation with GNU Radio and USRPs;
 - Implement Simulation blocks in GNU Radio Companion in Linux systems, using C++ programming language;
 - Create MAC frames following IEEE 802.11p frame format.
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PROJECTS

CenturyLink Location Forecast API, *Oct 2017 – Present*

CenturyLink, Littleton, CO

- API for monitoring / managing CenturyLink's new hardware for CenturyLink Cloud
- Create RESTful web service for CRUD operations on hardware location, port information, communication latencies, etc..
- Implemented index searching with Apache Solr, utilizing Spring Data Solr.
- Integrated RESTful web service with GraphQL-Java,
- Integration of Graphical Database Neo4j.
- Create mock interface with AngularJS 4, Bootstrap CSS,
- Documentation web services with SwaggerUI
- Provide maintenance and add-on features on existing web services

Verizon Rewards / SMARTBoard, Mar 2016 – June 2017

BI WORLDWIDE, Edina, MN

- 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. Users are also able to do interactions such as checking messages, redeem points, viewing scorecard, rankings, badges over different regions, taking quizzes, etc.
- SMARTBoard is a platform that shows information on a monitor board, such as leaderboard rankings, agendas, promotion videos, etc. The work also includes admin application for setting up web content for web admins, web services to retrieve video categories, etc.
- Develop new views on the main website, create web service for front end ajax requests.
- 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 servers.
- Assist Project Manager in achieving the project goal, debugging web page issues, identifying resources and providing suggestion on project scope.

TECHNICAL SKILLS

Programming / Computing:	Java; C/C++; 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; AngularJS 4; ReactJS;
Developer Tools:	Eclipse; IntelliJ IDEA; WebStorm; TextPad; Postman; SQL Tools; Ant; Maven;
Application / Web Servers:	GlassFish; Tomcat;
Databases:	Oracle; MySQL; MongoDB, Neo4j
Source Control:	git;
Design Patterns:	Singleton, Session Façade, Factory, Front Controller, Proxy, DAO, Iterator, Observer;
Operating Systems:	Windows 10/8/7/XP, Linux, UNIX;

EDUCATION / ACADEMIC HONORS

Master of Science

The Ohio State University, Columbus, OH

Major Focus:	Computing / Digital Systems
Graduation Date:	December 2015
GPA:	3.18 (4.0 scale)

Bachelor of Science in Electrical and Computer Engineering

The Ohio State University, Columbus, OH

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