

Liqing Li

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A results-driven team player with rigorous analytical skills, problem-solving skills, and growth mindset. Passionate about developing and building impactful projects in an agile and collaborative team.

TECH SKILLS

Languages : Object-oriented Design, Java, Python, JavaScript, C++, HTML5, CSS, Typescript

Frameworks/Technologies : Spring Boot, React, Flask, REST API, Node.js, GraphQL; CI/CD, Selenium, JUnit

Database/Tools : MySQL, PostgreSQL, Elasticsearch, MongoDB, Maven, Spring Cloud, Docker, Kubernetes, Git, Jira

EXPERIENCE

Software Engineer Intern

08/2022 – Present

SAP Concur

Bellevue, WA (Remote)

- **Developed** an internal website using **Storybook, React, and JavaScript**. Streamlined **CI/CD pipeline** via GitHub Actions to automatically update and publish the website for downstream dependency benefiting 600+ developers.
- Embedded on a team of 6 developers: Worked on features and bug fixes in **React, Redux, NodeJS, TypeScript, Jest, and GraphQL** responsible for the shared component library, localization, logging, shared webpack configurations, tooling and shell of the applications used by 200+ internal teams and 66M global users.
- Participated in daily **stand-ups**, bi-weekly **sprint meetings**, and **retrospectives** and provided updates on projects.

Software Engineer Intern

08/2021 – 12/2021

Bashpole Software Inc.

North Webster, IN (Remote)

- Developed **server-side software** that generates automatic Google Ads service benefiting 20+ non-profit clients.
- Analyzed and integrated 5000+ client personas data into MySQL database by implementing **CRUD mechanism** through **Java OOP design, Spring Boot, Spring MVC, Spring JPA, Hibernate, and CrudRepository interface**.
- Proactively communicated with the business team, and senior developers to clarify technical requirements and led 3 peer interns in delivering the project by creating 15+ use cases, documentation, and leading weekly meetings.
- **Debugged and troubleshot** 30+ bugs, DB issues through 1500+ lines of code in Eclipse individually and with pair.

TECHNICAL PROJECTS

Currency Microservices | Personal Project |

10/2022 - Present

- Developing and designing Currency Exchange&Conversion REST API and **Microservices with Spring Boot, Spring Cloud**; Implementing **distributed** tracing, client side load balancing(Ribbon), Dynamic scaling(Eureka Naming Server) and an API Gateway(Zuul); Gaining experience in orchestrating microservices with **Dockers and Kubernetes**.

Carbon Emission Full Stack Website | Capstone Project | Deployed | | |

08/2022

- **Designed** a CO2 website, developed 35+ **React** components, and implemented Carbon Interface, Google APIs, and **REST APIs** for estimation, 45000+ vehicle data filter&aggregation, and full-text search in **Flask, Elasticsearch**.

Social Network MERN Stack Website | Personal Project |

08/2021

- Developed responsive UI components using React, Store, Reduce concepts and implemented back-end RESTful APIs using **Node, Express, MongoDB**. Implemented **Web Token authentication** and social networking features.

Ads Tracker Database Design and Development | Group Project |

06/2021

- Collaborated with a team of 3: **Designed ER model**, leveraged 20+ SQL queries, stored procedures, developed an account management desktop system for tracking products and performance with **Java, JDBC, MySQL, AWS RDS**.

EDUCATION | GHC 2021/2022 Scholar

Ada Developers Academy | Full Stack Development

03/2022 – 01/2023

Intensive **full-stack development** training with 10% acceptance rate. 2000+ learning hours and 20+ projects delivered in Python, Flask, React, JavaScript, REST API, PostgreSQL, Test Driven Development, Pair Programming, HTML5, CSS.

Seattle University | Graduate Certificate in Computer Science

03/2021 – 03/2022

Enables self-motivated professionals bridge to an MSCS program or/and tech industries. **Coursework**: Object Oriented Concept, Java & C++ Programming, Data Structures, Algorithms, Database Systems, Operating Systems.