

A logical and result-oriented software engineer specializing in creating and optimizing user-focused applications. Adept in problem-solving and providing technical solutions

## Education

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- **B.Sc. Computer Science**, University of Illinois Chicago, USA May 2022

## Technical Skills

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- Programming : Java, JavaScript, React, HTML, CSS, Node.js
- Technologies : SpringBoot, Spring(DI, IOC, MVC), JPA, Hibernate, Eureka Server, API Gateway, Spring Cloud Config, MySQL, MongoDB(NoSQL), RESTful, Apache Tomcat, JUnit, Postman, Docker, Agile, Waterfall

## Work Experience

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**Software Engineer** **Motorola Mobility, LLC** **July 2022–May 2023**  
Chicago, IL

**1) Online Web Store**

- Designed and implemented a new microservice to enhance the customer communication capabilities within the existing e-commerce platform.
- Implementation of API Gateway, Eureka Client, Spring Cloud Config
- Design Database architecture with Senior Developer
- Write JUnit test cases and document development phases

**2) Auto Vibrate Android Feature**

- Developed and implemented an Android feature that detects a noisy environment and activates vibration for every incoming call until the user exits the noisy environment.
- Collaborated with team members to integrate the feature into Android's services and framework layers.
- Conducted thorough testing and debugging to ensure the feature's functionality and reliability.

**Undergraduate Teaching Assistant** **Department of Computer Science UIC** **Jan 2022–May 2022**  
CS 480: Database Systems Chicago, IL

- Conducted labs and oral examinations to help students understand key concepts like Spring MVC architecture and CRUD functionality.
- Graded coding challenges and exams and gave constructive feedback on each assignment.
- Structured office hours to assist students in understanding concepts, and resolving bugs.

## Projects

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**UI Health Vaccination Portal (Java and MySQL)**

- Worked in a pair and created a two-tier database architecture to carry out COVID-19 vaccination and scheduling.
- Implemented Frontend and Backend using JavaFX and JDBC MySQL connector for information retrieval.

**E-Commerce Website (Java and MySQL)**

- Designed and implemented the overall architecture of the website using SpringBoot.
- Implemented frontend using React, CSS, Bootstrap.

**Open Street Maps (C++)**

- Used Dijkstra's algorithm to find the shortest weighted path between two locations using a self-designed graph.
- Used predefined nodes to navigate between UIC buildings on the East campus using footpaths.