

Hanfei Qu

(647)879-2273 | colinqu73@gamil.com | 46 Elson, Markham, ON, Canada

Summary

Results-driven Software Developer with 5 years of mastery in software design and architecture. Orchestrated the seamless deployment of projects by harnessing in-depth expertise in Spring, MySQL, Kubernetes & React, catalyzing a remarkable 10% reduction in time-to-launch. Pioneered digital access solutions for diverse clientele over a year, consistently authoring and augmenting technical documentation for optimal knowledge propagation within the team. Enthusiastically poised to pivot into a full stack developer role, injecting pioneering solutions into the vanguard.

Education

Master of Science in Computer Science	2021.01 - 2022.12
Arizona State University	Remote, US
Bachelor of Science in Computer Science	2014.09 - 2018.09
University Of Waterloo	Waterloo, Canada

Experience

Software Developer	2021.03 - Present
Identos Inc	Toronto, ON
<ul style="list-style-type: none">Produced comprehensive architectural and system design documents that were pivotal in ensuring a seamless integration process, leading to a 15% decrease in post-implementation issues.Worked in a cross-functional team to deliver detailed design objectives, resulting in a 20% reduction in development time.Took ownership of a template project, streamlining development and resulting in a notable 5% decrease in general development time.Instrumental in building an administration portal, enhancing internal processes and accessibility, which contributed to a 25% increase in team efficiencySpearheaded the creation of a QA automation tool, resulting in a 30% reduction in testing time and improving product quality by identifying and addressing critical bugs earlier in the development lifecycle.	
Software Developer	2019.01 - 2020.10
Big data research lab	Waterloo, ON
<ul style="list-style-type: none">Contributed to achieving a 15% increase in sprint feature delivery.Leveraged back-end development expertise to enhance the functionality of multiple critical APIs through collaborative efforts.Addressed customer issues by skillfully diagnosing problems, establishing effective workarounds, and implementing solutions to debug and rectify defects.Achieved a 90% resolution rate within 24 hours, surpassing the 75% target.	

Projects

Pension Dashboard Programme - Identos Inc	2022.01 - 2023.07
Identos Inc is providing a digital solution to accomodate all the pension providers with different protocols.	
<ul style="list-style-type: none">Strategically implemented solutions that resulted in a 20% increase in user engagement and a 15% reduction in operational costs. Leveraged data-driven insights to optimize user experience and achieve tangible business outcomes.	

- Proactively identified potential roadblocks and bottlenecks, swiftly devising and implementing solutions to ensure project progression. Resolved critical issues, maintaining project timelines and quality deliverables.

Trustsphere - Identos

2021.07 - 2022.01

- Achieved a 25% reduction in login time, contributing to a 15% improvement in user satisfaction
- Conceptualized and refined technical design, resulting in a 20% decrease in system response time.
- Improved system performance, leading to a 30% decrease in average page load time and a 40% increase in concurrent user capacity.
- Strategically planned and executed end-to-end testing, identifying and resolving 15 critical issues before launch.
- Pioneered the seamless integration of User-Managed Access (UMA) principles, elevating security standards and user autonomy within the application.
- Facilitated cross-functional communication across 2 teams and stakeholders, ensuring alignment.
- Completed the project 2 weeks ahead of schedule, saving over 20 hours of unproductive discussions, and fostering a 25% increase in shared understanding of project goals.

Skills

Programming Languages:

- Java (Proficient in Spring framework)
- Python (Experience in Flask framework)
- TypeScript
- HTML5
- CSS3

Web Development:

- React (Entry level)
- Node.js (Familiar with Express framework)

Databases:

- MySQL (Strong query and management skills)
- Redis (Basic understanding)

Version Control & Environments:

- Git (Proficient in version control and collaboration)
- Linux (Comfortable working in command-line environments)
- Windows