

# HANFEI QU

COLINQU73@GMAIL.COM · WWW.HANFEI.PRO

TORONTO, CANADA

Software Engineer

+1-647-879-2273

Accomplished Full Stack Developer with robust experience in backend and frontend development, specializing in Java and Python. Demonstrated proficiency in adapting to new technologies and environments, with a strong emphasis on security, data management, and user experience. Committed to improving application performance and scalability through innovative solutions and effective integrations.

## EXPERIENCE

Software Engineer

Identos Inc · March 2021 – Present

- Optimized and debugged enterprise software, improving system interoperability as part of the Trustsphere team and reducing bug-related system incidents by 20%.
- Revamped the admin API using Elide, enhancing productivity and documentation, which led to a 50% reduction in administrative overhead.
- Developed a standalone feature using Spring AOP and ensured compliance with OAuth 2.0 & UMA 2.0 standards, increasing system security and user trust.
- Designed and implemented a scalable automation suite using Python Behave and integrated it into a Kubernetes environment, resulting in a 35% increase in deployment efficiency.
- Productized client projects into reusable template projects, enhancing overall project delivery speed by 25% and boosting cross-team productivity.

Software Developer

Big data research lab · January 2019 – October 2020

- Engineered and maintained a backend server for a health recommendation app using Spring and Mybatis, enhancing system reliability and performance in a Docker-based cloud environment.
- Developed comprehensive API solutions, handling user payments, data storage, and notifications, which improved transaction processing speeds by 30%.
- Implemented advanced data analytics features, leading to a 25% increase in user engagement through personalized content recommendations and interactive user features.
- Maintained high system availability, resolving operational issues promptly as part of on-call responsibilities, reducing downtime by 40%.

## NOTABLE PROJECTS

- Use Case on UMA 2.0 in UK Pension Dashboard · 2023 · [Kantara Group](#)
- BC Children Hospital Project · 2022 · <https://www.bcchr.ca/TrustSphere>
- LouYi Health App · 2020 · <https://shanghai.louyiai.com.tw/index/page/index/id/13.html>

## EDUCATION

Arizona State University

Master of Computer Science, Big Data branch

University of Waterloo

Bachelor of Computer Science

## TOOLS

- Spring Boot, MySQL, Python
- React, PHP
- Kubernetes, Jenkins, Selenium
- Git, Jira, OpenAPI

## CORE SKILLS

- Security and Data Protection
- API Development and Integration
- System Migration and Cloud Services
- Project management and Leadership

## REFERENCES

Available on request.

E.F. THANK YOU FOR TAKING THE TIME TO READ MY RESUME. IF YOU HAVE ANY QUESTIONS, PLEASE REACH OUT.

+1-647-879-2273  
colinqu73@gmail.com