

# KE (KEVIN) LYU

Master's degree candidate/Programmer/Developer

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## EDUCATION

M.S., Computer Science

Miami University, Oxford, Ohio

August 2023 - May 2025

B.S., Computer Science

Qufu Normal University, Rizhao, China

September 2005 - June 2009

GPA: 3.4/4.0

## SKILLS

Java, SQL, Oracle, Linux, JavaScript  
Docker, Git, Maven, Jenkins, SonarQube  
Redis, Rocket MQ, Kubernetes



## EXPERIENCE

Senior Software Engineer

China Post Information Technology (Fortune 500)

July 2017 - June 2023

Beijing, China

- Designed and implemented the China Post Enterprise Resource Planning (ERP) System using **Oracle E-Business Suite (EBS)** containing **50 TB of data and 10 billion records**
- Mysql/Redis-based database design and development supporting queries and processing against 200 million records per day
- Leading daily database performance tuning/troubleshooting; extract, transform, load (ETL) processing;
- Using Spring Cloud (Nginx, RabbitMQ, ELK, Config, Eureka, Spring Cloud Bus, Feign) to complete the "Business and Financial Integration Platform" including 32 microservices
- Implemented business logic via PL/SQL programming
- Experience designing interactive web applications using JavaScript frameworks (Vue)

Software Engineer

Inspur International Limited

August 2009 - June 2017

Beijing, China

- Use Spring MVC to implement Enterprise Pension Management System, Compensation and Welfare Management System
- Use IBM Web Sphere, Web Logic Application Servers and Tomcat Web Servers to deploy and optimize applications of Enterprise Pension Management System, Compensation and Welfare Management System
- Oracle Database system design and optimization including refining SQL queries, developing procedures, Triggers, Stored Procedures and Views in various databases, improved system response time on 1 million records from half an hour to 5 seconds
- Front-end Web development using ExtJS, EasyUI, JAVASCRIPT, CSS3, XML and JSON.
- Conducted building and integrating application software by Restful API and WEBSERVICE.

## CAREER OBJECTIVE

"Full Stack Programmer/developer."

## MOST PROUD OF



Award

2019 - Excellent employees of the department, China Post Information Technology Co., LTD (top 10).

2018 - Excellent employees of the department, China Post Information Technology Co., LTD (top 10).



Delivering Quality

Delivered high quality products to customers.

Demonstrated expertise in translating the client's specific needs into software solutions.

Proficiently troubleshoot simple and complex technological issues for different assigned projects.



Career Growth

Progressive international experience of working and achieving in the in all aspects of the software development life-cycle and end-to-end project management.

Consistently recognized as a hands-on and competent leader

## COURSES

Analysis of Algorithms

Database Systems

Data Structures

Software Engineering

Object-Oriented Programming

Programming Language Concepts

## STRENGTHS

Determined

Open-Minded

Confident

Flexible

Diligent

Client Interaction

Project Management

Team Leadership

API Integration