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Summary ___

Backend Developer with over 3 years experience specializing in Java development. Currently seeking new opportunities in backend development. Strong collaborator in global agile teams, skilled in driving innovation and mentoring junior developers. An engineer who loves solving problems.

Education ___

McGill University Montreal, Canada

B.A./BSc. Major in Cognitive Science (Computer Science Stream), Minor in Linguistics

Sept. 2017 - May. 2021

cGPA 3.69/4.00

Work Experience _____

Citigroup Services and Technology (China) Limited

Shanghai, China Jul. 2022 - Jan. 2025

APP DEV PROGRAMMER ANALYST 2

- Designed and implemented a microservices-based risk management web application using Spring Boot, Oracle, Kafka, and Angular, integrating Monte Carlo simulation models for loss forecasting. Deployed via Jenkins and Docker, with testing ensured by JUnit and automated frameworks.
- Architected a workflow automation engine using Spring State Machine. Designed 10+ states and transitions on Oracle DB to streamline multi-role approval processes. Reduced maintenance costs by 40% and evaluation time by 80%.
- Led the design, development, and deployment of 6 major features and 30+ minor enhancements.
- Integrated the system with a golden source, improving data accuracy and eliminating 5% of outdated records, while reducing efforts by 40%.
- Implemented data visualization for file download features using Apache POI, improving user efficiency in data analysis by 20%.
- Delivered a knowledge-sharing session on new features of JDK 17, prepared team for adoption of new technologies.
- Mentored 1 intern and 1 new graduate through task assignment, code review, and deliverable quality assurance.

Citigroup Services and Technology (China) Limited

Shanghai, China

APP DEV PROGRAMMER ANALYST 1

Jul. 2021 - Jun. 2022

- Developed an internal web application to analyze daily financial news and generate word clouds. Implemented a Spring Batch pipeline to regularly fetch data and integrate with a Python endpoint.
- Actively contributed to innovation projects. Developed a POC system using **Spring Boot** and **MyBatis-Plus** to manage work-from-home plans.
- Designed and developed an email management tool during a hackathon and earning a **Bronze medal**. This tool gained the attention from 2 teams and led to internal presentations.

Al Lab, ByteDance Shanghai, China

ENGLISH LINGUISTICS SUMMER INTERN

May. 2020 - Nov. 2020

- Collaborated with MLEs to generate reliable data, improving the accuracy of English pronunciation scoring models for second-language learners by 20%, and increasing user satisfaction by 30%.
- Trained and led a vendor team for data annotation, enhancing phoneme labeling reliability by 18% after training.
- · Processed and cleaned data extracted from the application using Python, which facilitated effective analysis and model improvements.

PanPass Information Technology Co., Ltd.

Beijing, China

WEB DEVELOPMENT SUMMER INTERN

Jun. 2018 - Jul. 2018

- Assisted in the backend development of the Sinopec website using the Spring Boot.
- Involved in the transformation from user interaction testing to automated testing. Tested 3 new features and 2 legacy features.

Personal Project ______

FULL STACK DEVELOPER

RefactoAl Santa Clara, US

• https://github.com/Furiosah/RefactoAI

Feb. 2025 - current

• Developed an Al-powered code review and refactoring assistant. Allows developers to analyze, optimize, and enhance code quality using LLM.

Shanghai, China

Business Abbreviation Search Engine

2023-2024

Jan. 2023 - Jul. 2023 SOFTWARE ENGINEER

• Developed an internal search tool for business-related abbreviations, using Spring Boot, Elasticsearch, and Angular over three iterations.

Community Involvement _____

Women Leadership Shanghai, China

ORGANIZER

• Planned and executed four women leadership events.