

# MIKA PAN

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## EDUCATION

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### Northern Arizona University

Master's, Computer Information Technology

GPA: 4

### Dongguan University of Technology

Bachelor's, Economics

September 2016 - June 2020

## CERTIFICATIONS

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Software Development Essential (Algorithm, Data Structure and System Design) from LaiOffer Jul2024

## PROFESSIONAL EXPERIENCE

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### Silicon, Inc.

Java Developer

Milpitas, CA, USA

March 2025 - Present

- My team developed a full-stack online food ordering system based on a microservice architecture.
- My responsibilities :
- Designed and implemented responsive, user-friendly frontend interfaces using Angular.
- Built robust backend services using Spring Boot, including shopping cart, user authentication, menu management.
- Connected microservices using Feign clients and configuring centralized service registration with Eureka Server. Implement the version control with Git.
- Ensured secure login/registration flows with role-based access control via JWT. (MFA)
- Integrated Swagger UI for API documentation and Redis for efficient session and cart storage. ( QPS500+)
- Collaborated on REST API design and testing using tools like Postman.
- Skill: Java, Spring Boot, Spring Security, Kafka, AWS, MySQL, Postman, Maven, Git, Github, Swagger, Redis, Feign,
- Maintained the information of product, customer and order synchronization by using MySQL.

### Metropolitan Bank

BSA Assistant

Oakland, CA, USA

April 2023 - July 2023

- Monitored the real-time performance and stability of the bank's risk detection system, ensuring 24/7 availability for trade surveillance and fraud detection.
- Investigated abnormal customer activity patterns flagged by the bank risk system, drafted the SAR.
- Monitored the daily/quarterly transaction and reported the suspicious activity.

### Helipay

Software Engineer – Anti-Money Laundry Operation System (Java)

China

November 2021 - October 2022

- Maintained and developed the components of the company's Java-based AML system using Spring Boot and JPA.
- Be responsible for the secure implementation, management, and internal support of critical business applications including SSO, SAML and MFA enforcement.
- Architected and implemented scalable processes for all aspects of AML Operations function.
- Designed new system features to enhance compliance workflows, including customer profile enrichment, data obfuscation, and detailed audit trails.
- Integrated risk-screened transaction and activity data from the Risk Department into the AML system for downstream investigation and analysis.
- Built tools to ensure that enriched customer activity data was properly ingested, indexed, and presented to compliance investigators in a timely and accessible manner.
- Wrote and optimized SQL scripts to extract large datasets from enterprise databases for ad-hoc analysis and regulatory reporting.
- Assisted to translate evolving regulatory requirements into robust, auditable system features.
- Led the 2021 AML annual exam for five branches, got the result of the toptthree performance among payment technology companies in Henan Province.
- Assisted the Compliance department with the completion of various compliance tasks include annual exam, system management, Compliance report writing, transaction monitoring etc.
- Proposed and implemented solutions for issues, processes, and system architecture
- Assisted to evaluate the effectiveness of those solutions and other engineering developments by supporting system integration testing

- Skill: ERP, Git, MySQL, PLM, ALM, RDM, GitHub Actions (for continues integration), Monitoring / Logging

## HSBC

Chinatown, San Francisco, CA, USA

Financial Service Specialist

February 2020 - November 2021

- Monitored the transaction triggered by the bank risk system, and investigated the suspicious customer with the bank record, - Maintained the customer's information system with the updated customer documents, finished the ID&V and CDD process.

## PROJECTS & OUTSIDE EXPERIENCE

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### Mental Assist System ( full-stack development)

San Francisco, CA, USA

Student

- Designed and implemented a responsive, user-friendly Android Mobile Application using Android Studio, integrating psychological test features, result analysis, and a notepad.
- Built the client-side interface with Kotlin, enabling users to take psychological tests, access psychological knowledge, and share diaries.
- Features include user authentication, information management, psychological exam, CRUD of notepad.

### My Portfolio

San Francisco, CA, USA

<https://shadoubuhuizaban.github.io/portfolio>

- I developed a web service application to introduce myself.
- Skill: HTML, CSS, React.js

## SKILLS

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**Skills:** Java, Android Development, AngularJS, Redis, Postman, React.js, SQL, HTML/CSS, java, spring boot, Software Testing, Web Development, system operation

**Languages:** Mandarin, Cantonese