

# LIM SIEW CHENG

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NATIONALITY: SINGAPOREAN | NOTICE PERIOD: 1 MONTH

## PROFESSIONAL SUMMARY

- Skilled software engineer with extensive experience in developing and maintaining software projects. Proficient in utilizing software engineering techniques to optimize project success.
- Excellent expertise in programming and coding, with a focus on back-end batch frameworks. Proficient in a variety of programming languages and experienced in developing robust and efficient back-end systems. Demonstrated ability to tackle complex coding challenges and streamline batch processes. An invaluable resource for organizations seeking top-tier technical expertise and effective back-end solutions.
- An effective communicator who is capable of translating complex challenges into actionable outcomes. Excellent ability in working with colleagues across all levels to deliver on project KPIs.

## AREAS OF EXPERTISE

- Back-end Development
- Batch Frameworks
- Batch Process Streamlining
- Coding
- Coding Efficiency
- Process Improvement
- Programming
- Software Development
- Software Engineering
- Strategic Planning
- System Optimization

## PROFESSIONAL HISTORY

### PROGRAMME MANAGER | CERTIS JAN 2026 – PRESENT

#### RESPONSIBILITIES:

- Involved in project management of an in-house key dispensing system for officers' use

### SOFTWARE DEVELOPER | IFIS MAY 2024 – DEC 2025

#### RESPONSIBILITIES:

- Migration Project Development: Engaged in the migration development of legacy projects to struts 6/7, hibernate 7, Java-21, Spring batch for upgrade in SWIFT with SGX
- Technical Proficiency: Utilized a range of technical tools and frameworks including Java, Spring Batch, SQL, Struts, Hibernate, Spring Data, DevOps, OpenShift
- Assisted in testing with in-house testers for migrated projects

### SOFTWARE ENGINEER | NCS AUG 2022 – APR 2024

#### RESPONSIBILITIES:

- Requirement Facilitation for Mindef Project: Actively involved in facilitating the requirements gathering process for a significant Mindef project, ensuring that client needs are accurately understood and incorporated into the development plan.
- Batch Job Development: Engaged in the development of batch jobs for the project, focusing on creating efficient, reliable, and scalable job processes.
- Technical Proficiency: Utilized a range of technical tools and frameworks including Java, Spring Batch, SQL, PL/SQL, and Hibernate, demonstrating a strong capability in software engineering and database management.

#### KEY CONTRIBUTIONS & ACHIEVEMENTS:

- Successful Project Delivery: Contributed significantly to delivering a project from development to production within a year
- Interface Testing and Setup: Facilitated and set up interface testing, and managed data transfers between the project and other applications, ensuring seamless integration and functionality.

- Batch Job Coding and Delivery: Played a pivotal role in coding, testing, and delivering batch jobs for the Mindef project, which were used in a nationwide exercise.

## **DATA SCIENTIST | OPSIS**

**MAR 2022 – JUL 2022**

### **RESPONSIBILITIES:**

- Posture Analysis Model Experimentation: Actively involved in experimenting with and refining an existing model dedicated to posture analysis. This required a deep understanding of model functionality and the ability to test and tweak various parameters for optimal results.
- Model to API Development: Contributed to the development and integration of machine learning models into an API framework, facilitating easy access and utilization of the model's capabilities.
- Emotion Analysis Model Refinement: Engaged in data experimentation to refine a model focused on emotion analysis, demonstrating an ability to work with complex datasets and model tuning.
- Technical Tools: Employed a variety of technical tools such as Python, Flask, and Mediapipe, showcasing versatility and expertise in software development and data science.

### **KEY CONTRIBUTIONS & ACHIEVEMENTS:**

- Innovative Posture Analysis Model: Played a key role in developing an experimental model using Mediapipe for posture analysis, showcasing creativity and technical prowess in leveraging advanced tools for real-world applications.
- API Deployment on AWS: Successfully deployed the model as an API on AWS, enabling broader and more efficient usage.

## **APPLICATION ANALYST (CONTRACT) | AVIVA**

**FEB 2021 – JAN 2022**

### **RESPONSIBILITIES:**

- Data Extraction for Migration: Engaged in extracting data to facilitate migration processes to external business entities, ensuring accuracy and efficiency in data handling.
- Unix Script Maintenance: Responsible for maintaining existing Unix scripts crucial for the data extraction process, emphasizing precision and reliability in script handling.
- Technical Proficiency: Utilized a range of technical tools including PL/SQL, SQL, and Unix, showcasing strong skills in database management and scripting.

### **KEY CONTRIBUTIONS & ACHIEVEMENTS:**

- Timely Migration of Critical Data: Successfully completed and verified the migration of three years' worth of data within a stringent timeframe, meeting crucial business needs.
- Development of Shell Scripts: Crafted custom shell scripts to assist in the reconciliation of data files for daily operations.
- Monitoring and Coordination in Operations: Played an essential role in monitoring batch jobs daily in operations, and proactively facilitated the resolution of alerts in collaboration with other internal application teams.

## **CUSTOMER SUCCESS CONSULTANT | SQLVIEW**

**Nov 2019 – Oct 2020**

### **RESPONSIBILITIES:**

- Level I Helpdesk Support: Actively involved in Level I Helpdesk operations, addressing and servicing tickets across various deployment sites.
- Team Support and Collaboration: Provided crucial assistance to team members in resolving technical issues.
- Data Preparation for AWS Clients: Prepared and organized data sets for deployment at new project sites, specifically for clients using Amazon Web Services (AWS), ensuring accuracy and compatibility.
- Root Cause Analysis and Bug Identification: Identified and reported root causes and bugs to the overseas development team, playing a key role in improving the software's reliability and performance.
- Process Improvement and Documentation: Enhanced the troubleshooting process and authored comprehensive guides for the helpdesk team, contributing to improved efficiency and knowledge sharing.
- Technical Proficiency: Utilized various tools and technologies including MS-SQL, T-SQL, DOS Scripting, Java, jQuery, Hibernate, and Struts to deliver effective support and solutions.

### **KEY CONTRIBUTIONS & ACHIEVEMENTS:**

- Enhancing Helpdesk Operations: Made significant contributions to the Level I Helpdesk by servicing a wide range of sites, playing a pivotal role in ensuring client satisfaction through effective problem resolution.

- Deployment Preparation for New Clients: Took a lead role in preparing and testing virtual machines for deployment, ensuring a smooth onboarding experience for new clients.

#### **PROGRAM COORDINATOR | PACIFIC SENIOR ACTIVITY CENTRE**

**JUL 2016 – NOV 2019**

##### **RESPONSIBILITIES:**

- Program Coordination and Execution: Played a central role in coordinating and executing various programs tailored for senior citizens at the Senior Activity Centre.
- Activity Planning: Specially designed and implemented cognitive and brain-teasing activities, focusing on stimulating mental agility and engagement among seniors.
- Educational Initiatives: Developed and conducted classes on mobile device usage for seniors.

#### **SYSTEM ANALYST | NOVACITYNETS PTE LTD**

**JUN 2015 – JUN 2016**

##### **RESPONSIBILITIES:**

- Application Maintenance & Troubleshooting: Actively engaged in maintaining and resolving issues in an application dedicated to the digitization of documents, ensuring smooth operation and client satisfaction.
- Feature Development Testing & Debugging: Played a key role in the testing and debugging of new features for the existing system, contributing to continuous improvement and enhancement of the application.
- Client Support: Provided dedicated on-site support to clients, addressing their needs promptly and effectively.
- Technical Toolkit: Utilized a diverse range of technologies and tools including Java, Hibernate, JavaScript, SQL (Oracle), Struts, SOLR, and extJS to deliver robust IT solutions.

##### **KEY CONTRIBUTIONS & ACHIEVEMENTS:**

- Enhancing Document Digitization Application: Made significant contributions in maintaining and troubleshooting an application for digitizing documents, which was crucial for client operations.

#### **IT CONSULTANT | NCS**

**MAY 2006 – MAR 2014**

##### **RESPONSIBILITIES:**

- System Development & Maintenance: Played a pivotal role in the development and ongoing maintenance of a critical system deployed on a national scale, ensuring high performance and reliability.
- Event Support: Actively participated in supporting key events related to manpower allocation and mobilization, providing essential IT services during these high-priority occasions.
- Client Interaction & Requirement Analysis: Engaged directly with clients to understand their needs, effectively gathering and analyzing requirements for system enhancements and modifications.
- Operational Support: Provided comprehensive daily operational support, functioning as a Level 2 helpdesk.
- Technical Proficiency: Utilized a range of tools and technologies including Java, myBatis, JavaScript, SQL (Oracle), Struts, PL/SQL, Bash scripting, and DOS scripting to deliver and maintain high-quality IT solutions.

##### **KEY CONTRIBUTIONS & ACHIEVEMENTS:**

- Nationwide System Impact: Significantly contributed to the development and maintenance of a nationally utilized system, demonstrating an ability to manage large-scale IT projects effectively.
- Event Management Support: Played a critical role in supporting and being on standby for key manning and mobilization events, ensuring seamless IT operations during these crucial periods.

#### **SOFTWARE ENGINEER(CONTRACT) | SGX**

**JAN 2004 – DEC 2004**

#### **SOFTWARE ENGINEER | LIDO AERONET PTE LTD**

**JAN 2000 – DEC 2003**

#### **EDUCATIONAL QUALIFICATIONS**

Specialist Diploma (Cloud Architecting and Management), Republic Polytechnic	2025
Specialist Diploma (DevOps), Temasek Polytechnic	2024
Specialist Diploma(Industrial Informatics), Temasek Polytechnic	2023
Specialist Diploma(AI Soln Development), Temasek Polytechnic	2022
Specialist Diploma(Big Data Management), Temasek Polytechnic	2020
Diploma in Social Services, SSI	2018
BSc., Psychology(Hons) (2nd Upper) USQ, Australia	2005
BSc., Computer Science (Merit), National University of Singapore	2000