

PAING SU SAN

SENIOR SOFTWARE ENGINEER

Singapore |  moonps111@gmail.com |  (+65)98939279

[LinkedIn](#) | [GitHub](#) | [Paing Su San Portfolio](#)

PROFESSIONAL SUMMARY

Experienced Software Engineer with a proven track record spanning over five years of experience in Software Analysis Engineering. Enthusiastic about collaborating with cross-functional teams to deliver high-quality results for complex software systems. Goal-oriented and skilled in **system design, problem-solving, programming**. Seeking a challenging opportunity in the IT sector to create scalable and efficient software solutions, making a positive impact in a dynamic organization that encourages personal and professional growth.

EMPLOYMENT HISTORY

(1) Senior Software Developer at Paeonia Innovations Pte Ltd

Nov 2023 – Present

Led the development of robust WPF applications for both fuel analysis in the oil and gas industry and spectrometer development for agricultural applications, leveraging C# and .NET framework.

FuelAnalyzer Features Development

- Developed modules for fuel concentration analysis with real-time and normal modes, enhancing operational flexibility.
- Implemented a login module for differentiated user access (admin/demo).
- Impact: Delivered precise fuel analysis, improving decision-making for customers.

Spectrometer Development

- Designed a user-friendly interface for measurement settings, including wavenumber range configurations.
- Developed logic for conditional measurements and enhanced the Admin Instrument Settings module.
- Impact: Delivered reliable measurements and streamlined user configuration.

WI Model E Cost Savings Calculator

- Built a multi-language cost calculator in C# .NET (English, Spanish, Chinese, and Indonesian).
- Impact: Expanded global reach and enhanced communication for international sales.

Company Website Development

- Developed a modern, responsive website using React, with animations, EmailJS integration, and a CI/CD pipeline.
- Impact: Strengthened online presence and automated deployment processes.

Admin Module with Advanced Features

- Developed tools for secure data control and database management.
- Integrated multilingual support for FuelAnalyzer.
- Impact: Enhanced security and simplified internal operations.

Validation, Error Handling, and Self-Diagnostics

- Improved validation, error messaging, and diagnostics modules in both FuelAnalyzer and Spectrometer.
- Impact: Reduced errors and improved system reliability.

History Tracking, Data Export, and Database Connectivity

- Implemented historical data tracking, export functionality (CSV/PDF/SPC), and database integration.
- Impact: Enhanced data management and reporting capabilities.

Team and Project Leadership

- Led a software team, mentored developers and interns, and ensured project milestones were met.
- Managed version control with Git, ensuring efficient collaboration.
- Delivered the FuelAnalyzer and Spectrometer projects on time, with global deployment.

(2).Net Developer at Jobline Resources Pte Ltd

Dec 2021 – Nov 2023

Work Location : Singtel Telecommunication

- Developed and maintained **ReactJS front-end components** for customer-facing web application
- Implemented **RESTful APIs** using **.NET Core** to facilitate communication between the front-end and backend systems.
- Gathered and analyzed business **user requirements** and providing **technical solution designs**.
- Collaborated in **Agile** development methodologies with cross-functional teams for successful and timely project delivery.
- Took ownership of providing technical support to customers, promptly resolving issues and concerns to ensure client satisfaction with **Level 2 (L2) support**.
- Contributed to knowledgebase articles and training materials to empower customers with self-help resources.
- Proactively assisted customers in troubleshooting and resolving technical issues with **.NET applications**.
- Skilled in analyzing and escalating complex issues for timely resolution.
- Collaborated with the development team to identify and resolve software bugs.
- Kept up-to-date knowledge of company products and services, facilitating smooth renewal processes, for DNS Support, CyberArk, and SSL services.

(3) Development and Operation Engineer at DBS Bank

Aug 2018 – Dec 2021

- Analyzed, designed, and developed onboarding applications for the bank's enterprise **access provisioning system (One Identity)**.
- Handled ID/Entitlements/Security Groups based on access matrix department code.
- Performed hands-on data preparation for onboarding, reconciliation, and audits.
- Created technical documentation for reference and reporting.
- Gathered and analyzed applications access information for all DBS Staff.
- Took ownership to handle daily BAU operations and maintained matrix accesses for all DBS Staff.
- Successfully participated in migration projects from start to end, meeting project timelines.
- Managed change management for migration project application onboarding and integration of new applications.
- Led training and coaching for new team members.
- Coordinated User Acceptance Testing (UAT) for successful deployment of changes.
- Developed an application using **VB.Net** to streamline data synchronization and access management.
- Designed custom forms to improve user experience and data accuracy.

Achievements: Played an instrumental role in promoting the success of the team, leader, and organization during the timeline migration project. Fostered a positive and collaborative work environment, contributing to team motivation and excellence.

(4) Software Engineer Intern at Startin Point Company Ltd (Singapore)

Mar 2018 – July 2018

- Developed and implemented a Student Registration System using Java Spring MVC, Hibernate, Spring Security, Rest API Web Service, and MySQL Workbench.
- Designed and implemented a real-time Chatting Application using Firebase, Firebase Database, HTML, JQuery, and JavaScript.

- Collaborated to building a Family Application using Java Spring MVC, Hibernate, Spring Security, Rest API Web Service, MySQL Workbench, HTML, Bootstrap, JQuery, and JavaScript. Played a key role in developing core functionalities and enhancing the application's usability.

(5) Junior Software Engineer, Grape City Company Ltd (Myanmar)

Dec 2016 – Jun 2017

Microsoft Solution Service Provider

- Wrote comprehensive test cases and conducted both manual and automated testing for company tools, ensuring the delivery of high-quality software products.
- Developed and contributed to various projects, utilizing a wide range of technologies and tools to meet project requirements and objectives.
- Leveraged coding techniques to automate UI testing, resulting in improved efficiency and test coverage.
- Collaborated with cross-functional teams to ensure seamless integration of testing processes and successful project outcomes.

Achievements: Actively contributed to the successful completion of multiple projects, honing testing and automation skills in a diverse technological environment.

EDUCATION

- | | |
|---|------------------|
| • National University of Singapore | Singapore |
| <i>Graduate Diploma in Systems Analysis, Institute of Systems Science</i> | 2017-2018 |
| • University of Technology (Yadanarpon Cyber City) | Myanmar |
| <i>Bachelor of Engineering (Information Science and Technology)</i> | 2011-2017 |

SKILLS

Programming: C#.NET | C#.NET Web API | WPF Application Development | ReactJS | Angular | HTML5 | JavaScript | CSS | Bootstrap | JQuery | API (SOAP/RESTful/AJAX) | TypeScript

Database: Mongo DB | MySQL | SQL Server | MS Access | MySQL Workbench

Data Format: JSON, CSV, XML, SPC

Version Control: Git

Web Security: Knowledge of secure coding, HTTPS vs HTTP, cookies, tokens, headers

Methodologies and Abilities: Agile Methodologies (Scrum) | Test-Driven Development (TDD) | CI/CD | Problem-Solving | Self-Directed Learning | Leadership | Collaboration | Effective Communication

Proficiency in Productivity tools: Jira and Confluence

UI/UX and Integration: User Interface Design | Responsive Web Design | UI/UX principles (industrial touch-screen PCs) | Self-Diagnostics Implementation | Custom Dialog Creation | Livechart Integration | Data Export and Reporting (CSV, PDF, SPC)

DevOps Tools: BitBucket, SonarQube, Jenkins, Kubernetes