HSU MIN HTET

Fairfield, Iowa 52556 • +1-641-233-9634 • htet.hsumin@gmail.com
https://www.linkedin.com/in/hsu-min-htet/

System Analyst

A seasoned system analyst with over a decade of progressive experience in the technology realm, evolving from a Software Engineer to a System Analyst and ultimately excelling as a Project Manager in the Capital Market. Equipped with a robust mix of in-depth coding skills and strategic oversight, skilled in the entire Software Development Life Cycle(SDLC), especially in requirements analysis, system design, coding, and testing with a strong focus on Java, Spring MVC, and Spring Boot, Hibernate, React, JUnit, SonarQube, Microsoft office suite and Trello.

Object-oriented programming (OOP) ● API development ● Version control ● Test-Driven Development
Containerization ● SOLID ● CI/CD ● ACID Principal ● Pair programming

Languages: Java, JavaScript, C++, VBA, COBOL
Web: HTML, HTML5, CSS
Web Services: REST, SOAP, XML, JSON
Web/App Servers: Apache Tomcat, HTTP, Node.js
Frameworks: Spring (MVC, Boot, Security, Data AOP, Dependencies, Cloud), Hibernate (JPA, ORM), Apache Kafka, JUnit, Express, React
Databases: MySQL, PostgreSQL, Oracle, Mongo DB, Microsoft Access
Design Patterns: MVC, Singleton, Prototype, Observer, Abstract-Factory and Factory Method
SDLC: Agile (Scrum, Kanban), Waterfall, Hybric
Tools: JSF2.0, Prime Faces, Mybatis, Jboss 7.1.1, Jboss Seam2.3.0, Docker, Kubernetes, SonarQube, Sentry, Eclipse, IntelliJ IDEA, Visual Studio Code, Git, Jenkin, Jira, Trello, ClickUp
Platforms: Window, MacOS
Application/Software: Bond Trading System, Securities (Stock/Share) System Development, Share Management System (System Enhancement), Share Management System (Customer Based Product), Time Recording System

PROFESSIONAL EXPERIENCE

CAREER NOTE: *Completed on-campus studies and currently taking distance education courses to complete a* ***Master's Degree in Computer Science*** *(Available for full-time, W-2 employment).*

DIR-ACE TECHNOLOGY LTD., Yangon, Myanmar ● 09/2013 – 04/2023
Joint venture between the Daiwa Institute of Research and ACE Data System. IT Services Company for Stock Exchange and Capital Market.

Project Manager (10/2021 – 04/2023)
Streamlined staff development procedures and quality assurance, driving the adoption of a cutting-edge system that elevated operational efficiency and reinforced a culture of excellence through strategic collaborations.

- Enhanced operational efficiency by developing a custom dashboard in Excel to automate quality control and staff performance analysis, achieving a 20% improvement in process speeds.
- Designed and delivered a technical training program on JCL and COBOL for capital market systems and monitored trainee progress through Excel-based reports from team PMs, which led to a 30% productivity increase for newly trained staff.
- Created and led a software development project employing a hybrid Agile and Waterfall methodology, utilizing Trello for enhanced project and task management, which facilitated the successful delivery of the project 10% ahead of schedule.
- Developed and led the planning and design phases of a full-stack application feature, selecting Java Spring Boot for backend development, ReactJS for frontend integration, and MySQL for database management, laying the foundation for a projected 40% increase in system efficiency.
- Researched and implemented modern technologies to align with the business requirement like the usage of Docker.
- Conducted best practices workshops focusing on Git, code optimization, and secure coding principles, enhancing the development team's efficiency and code quality.

Technologies Used: *IDE, GitHub, Apache Maven, Spring (Boot, Security, Data AOP), Hibernate, React, CSS, MySQL, JUnit, SonarQube, Microsoft office suite, Figma, Trello*

Lead Software Engineer (10/2019 – 10/2021)
Enhanced existing product by customizing and enhancing the system.
- Analyzed potential system enhancements to align with evolving market trends, utilizing in-depth requirement studies to propose solutions that address business needs effectively.
- Managed software development projects combining Waterfall and Scrum methodologies, employing Trello for task management to streamline workflow and enhance team productivity.
- Developed reverse engineering processes and system customizations as a Software Engineer Leader, creating and reviewing detailed technical documentation, including diagrams and designs, to maintain high documentation standards.
- Conducted cross-reviews for code quality analysis using SonarQube, following technical lead reviews, to ensure strict alignment with business logic and system requirements.
- Applied integrated and system tests in the staging environment through pair programming, overseeing bug control and quality assurance to enhance system robustness.
- Enhanced product satisfaction and reliability by introducing our product to partner companies, leading to its utilization by three prominent public companies, and improved system efficiency and user interface functionality by 60% through careful analysis and enhancements based on market requirements.

Technologies Used: *GitHub, Java, JSF 2.0, PrimeFaces, Spring MVC, Mybatis, Jboss7.1.1, XML, AJAX, Jboss Seam2.3.0, HTML5, JavaScript, CSS, SonarQube, PostgresSQL9.2.4, Junit/Mockito, Microsoft office suite, Clickup*

System Analyst (04/2016 – 10/2021)
To support ICTs for the establishment of capital market development by analyzing the domain knowledge and operation to align with the system to provide business value for the customer.
- Learned capital market domain knowledge and applied it to system development to ensure alignment with market trends and business needs.
- Integrated knowledge of Japan Stock Exchange System operations and Daiwa Securities Firm into system development, infusing creative ideas and formulating implementation strategies to suit the market situation.
- Collaborated with cross-functional teams and stakeholders, ranging from government agencies to international partners, to establish secure systems and operational procedures for the national capital market.
- Implemented system solutions and provided comprehensive on-site customer support, facilitating business procedures and system training to fulfill business requirements and exceed customer expectations.
- Partnered with a cross-functional team to update and enhance system functionalities, addressing feedback and resolving business-critical issues promptly.
- Contributed to the successful establishment of the ICT system for the capital market, ensuring smooth operations for securities firms and garnering recognition through the esteemed President Award based on customer feedback.

Technologies Used: *C & C++, .Net framework, 4.5, Linux, MULE system mapping, Perl, Oracle 11g, Jenkins, Shell, Script, BA, Job Arranger for Zabbix, HTML, CSS*

Senior Software Engineer (04/2016 – 10/2017)
Engaged in all phases of the Software Development Life Cycle (SDLC) to create and design a value-driven product.
- Implemented robust system solutions and executed on-site customer training using VBA and Microsoft Access DB, providing continuous service and support that garnered high customer satisfaction and commendable feedback.
- Collaborated with PMs and SELs using TortoiseSVN for version control to gather requirements and define project scope, delivering Java-based projects on time that provided added business value.
- Implemented new features, leveraging JSF 2.0, PrimeFaces, and Spring MVC; thereby enhancing product versatility and response to market needs.
- Resolved technical issues by leading research initiatives and facilitating knowledge sharing with the team for our system framework, using technologies such as Mybatis, Jboss7.1.1, and XML to enhance system functionality and reliability.
- Built the testing phases and performed bug fixing and system maintenance using Jboss Seam2.3.0, HTML-5, JavaScript, and CSS, applying Check-style for code formatting, to ensure increased system performance and reliability.
- Provided mentorship to junior developers and interns, sharing knowledge on the system environment built with PostgresSQL9.2.4 and Java technologies, leading code review sessions to maintain high coding standards.

Technologies Used: *TortoiseSVN, Java, JSF 2.0, PrimeFaces, Spring MVC, Mybatis, Jboss7.1.1, XML, AJAX, Jboss*

Software Engineer (10/2013 – 04/2016)
Development for Japanese Offshore projects
- Explored Share Management domain knowledge and investigated system technologies during the R&D phase, using Eclipse IDE and TortoiseSVN to align project development with requirements.

- Developed UML diagrams to define Java classes, interfaces, and inheritance using JSF 2.0, PrimeFaces, and Mybatis, ensuring alignment with project specs and a precise database design with PostgreSQL.
- Created project features adhering to SOLID principles with Spring MVC and AJAX, enforcing naming conventions, code style, validation, and error handling standards while employing TDD with JUnit to ensure reliability and quality.
- Resolved technical issues and enhanced team expertise by researching and sharing knowledge on Java, XML, and Jboss technologies, directly contributing to project progress.
- Efficiently completed assigned tasks within specified timeframes and conducted thorough technical research to proactively address potential system issues, concurrently expanding knowledge of the Share Management business domain.
- Authored technical and functional documentation, utilizing Check-style for code formatting, to clarify software functionalities and support project continuity and maintenance.

Technologies Used: *TortoiseSVN, Java, JSF 2.0, PrimeFaces, Spring MVC, Mybatis, Jboss7.1.1, XML, AJAX, Jboss Seam2.3.0, HTML5, JavaScript, CSS, PostgresSQL9.2.4, Junit*

Project Details: *Development for Share Management Software as a Company Product. To handle the share management functions and reporting for non-listed companies and public companies that would like to manage their equity by their own culture. SMS products can set up the dividend rule, and share certificate issuing and there have relevant financial reports are provided in the system.*

ACROQUEST MYANMAR TECHNOLOGY CO.LTD, Yangon, Myanmar • 08/2012 – 09/2013
Software Engineer
To complete Software Engineering (SE) training withing a specified timeframe and actively participated in all phases of the Software Development Life Cycle (SDLC) to create and develop based on the provided specification.
Technologies Used: *Java, HTML, JavaScript, CSS, PostgreSQL, Tomcat 7.0, Spring MVC, MyBatis*

ACADEMIC PROJECTS

Maharishi International University (2024) Property Management System: Property Management System (both frontend and backend) for 4 users (Admin, Owner, Customer, and Visitor). Utilized Java Spring (Boot, Security, Data AOP), Hibernate (ORM), Apache Maven, JUnit, SLF4J, Spring Data AOP, React, Redux, PostgreSQL

Maharishi International University (2023) Resort Management System: Resort Management System backend focusing on API endpoints, my responsibility centered on shaping the primary flow of the project, specifically focusing on CRUD processes for reservation management. Utilized Spring Boot, Hibernate, Maven, MySQL, JUnit, Mockito, SLF4J, Spring Data AOP, Git

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 04/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Enterprise Application, Web Application Architecture, Algorithms

B.C.Sc (Hons.)Q in Computer Science
University of Computer Studies Yangon, Yangon, Myanmar

B.C.Sc in Computer Science
University of Computer Studies, Yangon, Yangon, Myanmar

CERTIFICATIONS

ITIL 4 (Foundation Level)
- AXELOS Global Best Practice
Project Management Professional (PMP) @ Navesses Training Center
- Japanese Language (JLPT: N3 Level passed)