

Senior IT Engineer (Switch, Ecommerce)

Report to – Deputy Head of IT (Switch)

A Good Opportunity For..

Key Responsibilities:

- Ensure the smooth operation of systems and manage data backups for these systems to ensure data integrity and availability, including the MPU Ecommerce Payment Gateway and IST (National Payment Switch).
- Provide testing and certification support for member banks, focusing on Bank Switch, POS, Card certification, Ecommerce Payment Gateway, and international card schemes.
- Generate and manage HSM (Hardware Security Module) keys for NPS and Ecommerce systems in both UAT and production environments.
- Participate in SIT (System Integration Testing) and UAT (User Acceptance Testing) for new requirements, process changes, and projects based on member bank requirements.
- Resolve integration and operational issues from member banks and merchants, ensuring smooth communication and transaction flow and integration between MPU and merchant systems.
- Conduct regular health checks on the National Payment Switch system and its databases to ensure optimal performance and addressing any potential issues.
- Evaluate day-to-day issues and provide recommendations to senior staff for process improvements and system optimizations.
- Use monitoring tools to proactively identify issues and address them before they impact end-users.
- Generate daily, weekly and monthly reports for management on system status, incidents, and performance providing insights into system health, performance, and other operational metrics.
- Contribute to planning and executing IT projects that require infrastructure changes or upgrades.
- Assist in settlement, reconciliation, and dispute resolution processes, ensuring accuracy, timeliness, and compliance with relevant standards.
- Complete daily operational tasks assigned by Head of IT and Deputy Head of IT.
- Assist with day-to-day operational tasks assigned by the Head of IT and Deputy Head of IT.
- Support settlement, reconciliation, and dispute resolution processes, ensuring compliance with relevant standards and accuracy.
- Evaluate day-to-day issues and propose process improvements to senior management.

- Oversee and maintain systems related to the National Payment Switch (NPS) and Ecommerce Payment Gateway Systems.
- Provide support to member banks for certifications and integration processes and resolve issues related to integrations and system performance.
- Ensure that data encryption and key management practices adhere to security standards.
- Lead testing initiatives and proactively monitor systems to ensure high uptime and performance.
- Handle day-to-day system issues and work with the team to resolve technical challenges.
- Ensure system health, perform regular checks, and proactively monitor system performance to prevent issues.
- Contribute to planning and execution of infrastructure-related IT projects, driving improvements in payment processing systems.
- Assist in settlement and reconciliation processes, ensuring compliance with industry standards.
- Provide reports to management for operational visibility and process improvements.
- Collaborate with senior staff for process improvements and ensure regular reporting on operational performance.

Job Specification:

- Bachelor's degree in Computer Science, Information Technology, or a related field (preferred).
- Certifications in Linux, Web Development, Database (SQL & Oracle), and Scripting (preferred).
- Minimum of 2–3 years of experience in IT system management, particularly in FinTech and Banking Digital Payment (Card & Switching).
- Experience working with card networks (Visa, MasterCard, UPI) and digital payment platforms (e.g., payment gateways, Ecommerce).
- Experience in managing or working with payment processing technologies, APIs, and system integrations and strong understanding of National Payment Switch, Ecommerce Payment Gateway architectures and integrations with merchant websites.
- Knowledge of transaction processing, payment methods, and payment security standards (e.g., PCI DSS).
- Proficiency in managing and troubleshooting enterprise-level systems, particularly in high-transaction environments.
- Strong understanding of network configurations, firewalls, secure communication protocols, database management, and software development

- Proficiency in programming languages like Java, Python, or PHP, especially for payment integrations or custom development.
- Familiarity with encryption methods, secure authentication, and fraud prevention measures.
- Familiarity with relational databases (e.g., MySQL, Oracle) and ability to perform database optimization and management.
- Experience with NoSQL databases (e.g., MongoDB, Redis) is a plus.
- Experience with cloud computing platforms (e.g., AWS, Azure) and their application in ecommerce solutions is a plus.
- Ability to manage and lead projects, working with cross-functional teams to ensure successful delivery of ecommerce solutions.
- Knowledge of transaction protocols (e.g., 3D Secure, Tokenization) and experience with payment gateway integration is a bonus.

Benefits

- Bonus
- Meal & Transportation Allowance
- Overtime Payments
- Rewards for over performance
- Organizational Trip & refreshment
- Provident Fund
- Welfare Fund

Working Hours(9:00 AM to 5:00 PM)

Off Day (Saturday, Sunday & Public Holiday)

If you are interested in this position, please contact us at this email(mpuadmin@mpu.com.mm)

before **31th May 2025.**