



Principal Platform Engineer – Cards & Payments

Purpose

This is a hands-on role for seasoned Cards and Payments Platform Engineer who leads through influence, and who develops and supports Platform health and performance improvements, solution delivery, continuous improvement while driving excellence across the Cards and Payments platform. This person will become the expert on how Cards and Payments are integrated into the external payments landscape and across TSB, and is a trusted adviser for solutioning Cards and Payments changes that align to industry compliance while also stable, secure and supportable.

This role supports deepening teams understanding of Cards and Payments platforms and technical landscape. Focussing on delivery and operational capability for scalable, resilient and performant systems in regulated environment.

Role dimensions

- **Reports to:** Platform Engineering Lead
- **Department:** Technology Services
- **Direct Reports:** No
- **Financial Authority:** N/A

Person specifications

- 5+ years' experience in technical leadership roles
- 5+ years' platform and application management experience
- Bachelor's degree in computer science, system analysis or a related study, or equivalent experience
- Have exceptional interpersonal and teamwork facilitation skills. Proven ability as a strong leader
- Commercial experience in managing Cards & Payments platforms within Financial Institutions
- Deep knowledge of cards and payments related payment networks and schemas including ISO8583, ISO20222, PCI DSS
- API/Integrations background

Role specific areas of responsibility

- Lead the technical design, development and implementation of Cards and Payments BAU technical changes across payments and card related integrations.
- Consult on Cards and Payments platform solution requests by vetting solution intent documents, addressing related queries, and ensuring all proposed changes align with platform standards and business objectives.
- Aligning solutions with PCI DSS, ISO 8583/20222 and Mastercard scheme compliance – ensuring the cards platforms remain compliant.
- Identifying technical dependencies for platform (from mission, product or other technical platforms), ensuring there are no delivery collisions across teams, reducing delivery delays due to technical dependencies, and ensuring platform changes are technically understood and acceptable for the platform.
- Support technical vendor management, including vetting of proposed production solutions and change/deployment plans (payment switch, card issuing, fraud and fin crime, and Mastercard)
- Maintain platform-related technical documentation so it remains accurate and current, enabling effective decision-making, solution delivery, and ongoing platform support.
- Lead the triage and mitigation planning of critical platform vulnerabilities identified via Tenable to minimize security risks and ensure platform integrity and compliance.
- Contribute to quality assurance and operational monitoring activities to ensure platform objectives and defined SLAs are consistently achieved, supporting reliability and performance standards.
- Provide technical mentoring to members of the Cards and Payments team to build capability, enhance expertise, and ensure best practices are consistently applied.
- Provide environment and release management support for the wider Cards and Payments platform to ensure smooth deployments, system stability, and minimal disruption to services.

From time to time there may be additional activity not contained within this position description that the appointee is to complete in the interests of the appointment and their own personal development.

This position description provides a broad overview of responsibilities. The position description is a living document, and the Bank reserves the right to amend from time to time as required.