# RPG Engineering Developer

**Job Title:** IBMi (AS/400) RPG Developer
**Location:** Swinton / Sheffield
**Department:** IT / Application Development
**Reports To:** RPG Team Leader

## Summary

As an RPG Developer, you will work as part of a collaborative team in a fast-paced technology environment, delivering, enhancing, and maintaining mission-critical applications on the **IBM i (AS/400)** platform. You will take ownership of the full development lifecycle, producing efficient, high-quality code in **RPG (RPG IV, RPG Free, ILE)** and **CLP/CLLE**, ensuring solutions are robust, secure, and aligned with business goals.

This role is key to delivering the long-term strategy of the RPG Engineering function, which is driving the business through a period of transformation and growth. You will collaborate with cross-functional teams, ensuring developments are delivered on time, meet user needs, and adhere to best practices.

## Key Responsibilities

* Work closely with the wider Engineering team to deliver projects, enhancements, and support activities.
* Analyze, design, develop, test, and maintain IBM i applications using RPG IV, RPG Free, ILE, SQLRPGLE, and CL/CLLE.
* Write efficient, maintainable, and well-documented code.
* Troubleshoot and debug programs, identifying and resolving issues in a timely manner.
* Translate business and user requirements into functional and technical designs.
* Participate in code reviews, quality checks, and continuous improvement initiatives.
* Utilize embedded SQL and DB2/400 database design techniques to optimize performance.
* Fully leverage digital tools and change management systems to deliver the product roadmap.
* Serve as the technical liaison for customers, partners, and internal stakeholders.
* Collaborate with multi-discipline teams to create and execute test strategies and implementation plans.
* Investigate new IBMi technologies and provide recommendations for system improvements.

## Essential Skills & Experience

* Strong IBM iSeries / AS/400 / IBM i experience.
* Proficiency in RPG IV, RPG Free, RPG ILE, SQLRPGLE, CL, and CLLE.
* Skilled in using embedded SQL within RPG.
* Solid understanding of DB2/400 database design and DDS.
* Experience in system troubleshooting, debugging, and performance tuning.
* Familiarity with change management tools (e.g., TurnOver, Aldon).
* Awareness of compliance, security, and data governance standards.

## Desirable Skills

* Rocket Deployment
* C++, C# Experience.
* Knowledge of APIs (REST/SOAP) on IBMi.
* Previous experience with payroll or ERP applications.
* Experience with RDi (Rational Developer for i) and ACS (Access Client Solutions).
* Exposure to CI/CD and DevOps practices on IBMi.

## About You

Technically minded, with a strong grasp of delivering excellent customer experiences through technology.

Able to work independently, balancing day-to-day support with project delivery.

Strong analytical, problem-solving, and troubleshooting skills.

Excellent communication skills, both written and verbal.

Able to work under pressure, demonstrate initiative, and learn quickly.

Comfortable working on multiple initiatives concurrently.