



<b>Job Title</b>	<b>Full Stack Developer</b>
<b>Job Reference</b>	<b>CP-FSD-25</b>
<b>Date:</b>	<b>March 2025</b>
<b>Location</b>	<b>Jersey</b>

## 1 Job Purpose

CityPay is looking for an experienced Full Stack Developer to contribute to the development and maintenance of our core IT systems. This role involves full-cycle software development, including specifications gathering, planning, testing, development, and debugging, while adhering to CityPay's secure development policy and PCI Level 1 compliance program.

The ideal candidate will have a strong technical background, experience with modern web development frameworks, and an understanding of network security, cryptography, and cloud infrastructure.

## 2 Key Responsibilities

### 2.1 Software Development & System Maintenance

- Collaborate with the development team to enhance CityPay's internal systems and implement robust and scalable software solutions.
- Design, develop, and maintain web applications using React, NextJS, TypeScript, Tailwind, Java/Scala.
- Ensure the technical feasibility of UI/UX designs and optimise applications for maximum speed and scalability.
- Manage databases and application servers, ensuring high performance and responsiveness to front-end requests.
- Develop and maintain integrations with Acquiring Banks, Payment Gateways, and Financial Institutions.

### 2.2 Technical Support & Compliance

- Investigate and resolve technical queries, liaising with Acquiring Banks, clients, and internal departments.
- Ensure the timely restoration of services during system malfunctions and safeguard data integrity.
- Maintain comprehensive documentation to standardise procedures and ensure regulatory compliance.
- Support compliance with Jersey Financial Services Commission (JFSC) regulations and CityPay's PCI DSS Level 1 certification.

### 2.3 Pre-Sales & Customer Support

- Provide technical pre-sales support to customers, demonstrating e-commerce capabilities and assisting in solution design.
- Work closely with the sales team to support new client integrations and ensure seamless onboarding.

### 2.4 Cloud & Security

- Develop and deploy software in line with AWS cloud infrastructure.
- Implement secure coding practices, ensuring compliance with OWASP guidelines.
- Aid the management of networking security, including TCP/UDP servers, Public Key Cryptography, and Linux server management.

### **3 Required Skills & Qualifications**

- Degree in Computer Science, Software Engineering, or equivalent experience.
- Proven experience as a Full Stack Developer or similar role.
- Expertise in web development using modern frameworks:
  - React, NextJS, TypeScript, Tailwind
  - Experience with backend languages (Java, Scala, Python, C#, JavaScript, PHP, Ruby) is a plus.
- Strong understanding of Internet protocols (DNS, IPv4, IPv6, TLS).
- Experience with APIs (JSON, RESTful API design).
- Database management expertise (SQL and NoSQL).
- Knowledge of security best practices (OWASP, encryption, secure authentication).
- Networking skills, including TCP/UDP servers.
- Experience with Linux servers and Bash shell scripting.

### **4 Desirable Skills**

- Experience with cloud platforms (AWS, Azure, Google Cloud).
- Knowledge of CI/CD pipelines, DevOps tools, and automation.
- Familiarity with containerisation technologies (Docker, Kubernetes).
- Experience with Agile methodologies and Git-based version control.

### **5 Additional Information**

- Health & Safety: Must adhere to the Health & Safety at Work (Jersey) Law and company safety policies.
- Professional Standards: Maintain a professional appearance and conduct at all times.
- Flexibility: Must be adaptable to business needs, including occasional out-of-hours support.
- Training & Development: Attend relevant courses, seminars, and industry events as required.
- Based in Jersey ideally have Entitled For Work status in Jersey.
- Other Duties: Perform any additional tasks assigned by the Directors.

### **6 Compensation & Benefits**

- Competitive salary based on experience.
- Performance-based incentives.
- Opportunities for training, certifications, and career growth in a cutting-edge fintech environment.