

Business Unit	Portugal Competence Centre
Job Title	SW Developer
Reporting To	Technical manager
Location	Lisbon

Job Purpose

Working within a team and/or on individual assignments, the candidate's responsibilities include: Requirements analysis, estimation, documentation, design, development and on time/under budget delivery of high quality software and applications, as well as support and maintenance of software and applications.

Roles & Responsibilities

- Deliver on high quality output on time as per the schedule and priorities agreed with the line manager.
- Perform requirements gathering and requirements analysis assignments, ensuring attention to critical details, documentation, completeness and quality of the output.
- Provide accurate effort and timeframe estimates, identifying risks, risks mitigation, and recovery plan.
- Innovate extensible and future proofed implementation designs to maximise software performance, minimise delivery effort, and streamline software support and maintenance.
- Implement and adequately test well structured and fully documented code prior to submitting the code for validation phase to minimise issues identified during validation phase and to ensure delivery of software within the project cost, timeframe and quality objectives, including cost effective support and maintenance of the software.
- Maximise software reusability by incorporating portability and high performance generalised design considerations and implementation techniques.
- Engage in peer reviews to contribute to cross-fertilisation of team skills and continuous improvements in efficiency, productivity and the quality of the team's output.
- Contribute to the development of test strategies, test plans, test scripts and test automation.
- Adopt full ownership of project lead assignments and supervise, motivate and project team and monitor progress against plan to deliver successful outcome.
- Flag unforeseen delivery challenges promptly and well in advance of the delivery deadline to keep the management team well informed and to seek guidance and assistance as applicable.
- Offer innovative suggestions and recommendations to continuously improve the quality, performance and unique selling points of Castles's products (hardware and software), tools and services.
- Work closely, constructively and collaboratively with functional team members and other functions within the Castles organisation to maintain focus on successful attainment of Castles's business objectives and customer expectations.
- Maintain highest levels of professionalism, discipline and ethic, in all written and oral interactions internally and externally with customers and suppliers.
- Regularly deliver accurate progress status and hours report to the line manager.
- Acquire and maintain up to date knowhow and expertise in relevant technologies including wireless communications, embedded platforms, payment security, host

interfaces, card schemes and payment processing specifications.

- Undertake other tasks as assigned by the line manager from time to time to maintain a high level of contribution to the overall well being, business growth and success of the company.

Qualifications & Experience

- *Degree in technical disciplines (computer science / electronics) or equivalent skills;*
- *Proven experience in structured and technologically advanced projects in the mobile field;*
- *Object Oriented Programming knowledge;*
- *C/C++ language knowledge;*
- *JAVA language knowledge;*
- *Android platform knowledge and native application development (JNI);*
- *Knowledge of tools and code versioning processes (eg Git, GitFlow);*
- *Good English Language skills;*

Nice to have:

- *Previous experience in embedded environment development field (Linux embedded);*
- *Knowledge of the development environment Qt;*
- *Previous experience in electronic payment industry;*
- *Aptitude to write reusable code;*
- *Knowledge and use of unit test and TDD processes;*
- *Android Software Development Kit knowledge;*
- *Android Studio knowledge;*

This Job Description will be kept under review and may be amended from time to time to reflect organisational needs.

Agreed:

Name _____ Signature _____ Date _____