INKRIPT

An RGH Company

Museum Tower
Street 17, Sector 66
Mathaf 2058 6007
Beirut, Lebanon

P.O.Box 116-5090

Tel +961 1 412 000
Fax +961 1 412 412

www.inkript.com

Inkript Identification Technologies sal
RCB #1016441

TITLE: R&D Software Engineer

DEPARTMENT:	Research & Development	**DATE:**	27/06/2022
WORKING RELATIONSHIPS:	Internal: SWD Team, QA Team External: Clients	**LOCATION:**	Beirut
REPORTING TO:	R&D Team Leader	**DIRECT REPORTS:**	None
JOB CODE:	HR.JD.MOI.RD.00x.00	**JOB GRADE:**	…

JOB SUMMARY:

The job holder is responsible for designing and developing new products, redesigning existing ones and performing research and testing on products.

JOB ROLES & RESPONSIBILITIES:

1.1 Perform market research to determine types of products that might be successful among consumers and clients, research product ideas to determine their viability, and evaluate existing products' performance and functionality.

1.2 Develop embedded operating systems and applications according to the software requirement specifications, using emulators and simulators for development and debugging.

1.3 Build data models, user interfaces, back-end services and product features, by setting expectations and priorities throughout development life cycle.

1.4 Create and compile specification according to clients requirements.

1.5 Determine design methodologies and tool sets.

1.6 Create detailed plans to manage product development and production.

1.7 Design and develop new products in collaboration with SWD & QA Team, including dimensions, sketches and mockups.

1.8 Test prototype products for functionality, ease of use and longevity.

1.9 Redesign existing products according to industry standards to enhance functionality and/or reduce costs.

1.10 Keep abreast with latest technology related to the industry and contribute to continuous process improvement.

1.11 Perform miscellaneous tasks within the scope of work, as assigned by the direct manager and seniors.

INKRIPT

An RGH Company

Museum Tower
Street 17, Sector 66
Mathaf 2058 6007
Beirut, Lebanon

P.O.Box 116-5090

Tel +961 1 412 000
Fax +961 1 412 412

www.inkript.com

Inkript Identification Technologies sal
RCB #1016441

JOB REQUIREMENTS:

2. Education:
Bachelor's degree in Computer Science, Electrical Engineering, Automation Technology or equivalent.

3. Experience:
3 to 5 years of proven experience in R&D.

4. Behavioral Competencies:
4.1 Interpersonal Skills: Ability to establish productive, cooperative relationships with subordinates, peers and management.
4.2 Initiation: Ability to take initiative in introducing creative methods, ideas or strategies.
4.3 Creative Problem Solving: Ability to develop efficient and effective solutions to complex problems.
4.4 Analytical Thinking: Ability to tackle issues after gathering, organizing and evaluating information in a logical approach.
4.5 Teamwork: Ability to work effectively and cooperatively with a positive attitude in groups to achieve common goals and objectives.
4.6 Time Management: Ability to manage a variety of responsibilities in a timely, efficient and effective manner.

5. Technical Competencies:
5.1 Proficiency in English.
5.2 Strong Mathematical Skills.
5.3 Very good knowledge of development with C/C++/C#/Java/Python.
5.4 Good experience/substantial projects in MATLAB.
5.5 Experience with public clouds such as Azure and AWS.
5.6 Experience with Linux/Unix systems.
5.7 Hands-on experience in:
   - Smart cards technologies.
   - Software testing or quality assurance, cryptography and RF technology.
   - Working with regulated/certified/secure products
   - Working with Git, JIRA, Jenkins, Azure DevOps
   - Continuous Integration
   - Signal Processing
   - Error correcting codes

6. Working Conditions:
The job might require working overtime.

HR.JD.MOI.RD.001.00

An RGH Company

Museum Tower
Street 17, Sector 66
Mathaf 2058 6007
Beirut, Lebanon

P.O.Box 116-5090

Tel +961 1 412 000
Fax +961 1 412 412

www.inkript.com

Inkript Identification Technologies sal
RCB #1016441

SUCCESS FACTORS:

- Nb of grievances for delivered service
- Time to answer a specific request
- % of error
- Cost reduction

ACKNOWLEGEMENT:

	Head of Department (Approved)	**Direct Manager (Approved)**	**Job Holder (Read & Approved)**
Name			
Date			
Signature			

HR.JD.MOI.RD.001.00