Government Digital Transformation to Strengthen Competitiveness: Senior Software Developer
Country: The Commonwealth of The Bahamas
Supporting Institution: Inter-American Development Bank
Programme: Government Digital Transformation to Strengthen Competitiveness
Project Number: BH-L1045
Loan Number: LO-4549 / OC-BH
Sector: Reform / Modernization of the State
Sub-Sector: E-Government
Deadline: 13ᵗʰ February, 2023

Post: Senior Software Developer
Post Location: Nassau, Bahamas
Reports to: The ICT Specialist

The Government of the Commonwealth of The Bahamas has received financing from the Inter-American Development Bank (IDB), toward the cost of the Government Digital Transformation to Strengthen Competitiveness and intends to apply part of the proceeds for the consulting services of **Senior Software Developers**. The consulting services ("the Services") include leading the development, testing and implementation activities while assisting in the design of software applications to meet both functional and technical requirements. The contractual position is twelve (12) months renewable annually based on satisfactory performance.

Main responsibilities include:

- Managing the execution of multiple concurrent software development activities ensuring deadlines are being met, including metrics for software quality and security
- Participating throughout all stages of the software development lifecycle
- Leading the design, development and/or modification of front-end applications and integration with services
- Leading the planning, designing, developing and deploying of new applications and enhancements to existing applications.
- Leading DB analysis/design, including writing queries, views, stored procedures, and triggers
- Leading user experience and system design and specifications, programming logic and flow-charting, developing, testing, debugging, documenting, and supporting
- Ensuring and monitoring the systems security.
- Enabling the sustainability of the systems by documenting, updating and using industry standards such as version control systems, security copies, code scans or vulnerability scans of the solutions.
- API design, development, testing and documentation using SOAP or REST technologies.
- Working independently on complex programming tasks and perform code reviews of various development tasks
- Assignment of software development tasks to the Junior Developer(s)
- Providing analysis of problems and recommending solutions
- Overseeing and setting direction for the front-end team, ensuring reliable, secure software with minimal bugs
- Evaluating and suggesting industry standard tools and methods.
- Establishing and tracking metrics related to key performance objectives and service levels
- Developing, implementing and enforcing best practices and operating standards
- Identifying and escalating potential concerns and recommending viable solutions
- Maintaining proficiency with Application Security requirements and best practices
- Reviewing Software Requirements documentation and providing feedback to the Business Analysts to improve the quality of the documentation
- Assisting Business Analysts with the development of User Acceptance Tests
- Assisting Business Analysts and Testers with the execution of User Acceptance Tests

- Implementing automated unit and integration tests and ensures the practice is followed consistently
- Analysing issues escalated by L2 Help Desk Support Team, recommending solutions including code fixes
- Recommending process, feature, and code changes based on analysis of recurring customer issues
- Implementing approved code changes
- Performing other duties as required

The successful candidate should have the following

- Mandatory Passing of Software Development Test
- Associate's degree or equivalent in Engineering, ICT, or Applied Mathematics
- Excellent and demonstrated programming skills in at least one computer language.
- Fast learner and quickly adaptable in a dynamic, rapidly changing team-oriented environment.
- 1 or more years of experience developing and trouble-shooting software for commercial public facing web applications such as MyGateway
- At least 3 years' working experience with PHP, JavaScript, Python, SQL, and HTML.
- At least 3 years' working experience with Linux and cloud environments
- Strong problem solving and analytical thinking skills.
- Solid testing and debugging skills.
- Ability to multi-task in a data-intensive environment with accuracy.
- Talent, drive and the ability to work independently and in team settings within a deadline-driven environment.
- Strong organizational skills and able to effectively prioritize work and manage projects.
- Strong communication and interpersonal skills.
- Good time management skills.
- Willingness to learn new languages/platforms as needed.
- Working knowledge of cloud based software development
- Exposure to web development using React and CSS3
- Familiarity with Scrum methodology or other agile development processes.

The Ministry of Economic Affairs now invites eligible Consultants to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. Further information can be obtained by E-mail: **DTUPROCUREMENT@bahamas.gov.bs**

Individuals will be selected in accordance with the IDB's Policies for the Selection and Contracting of Consultants financed by the IDB, and it is open to all eligible Individuals as defined in these policies. All CVs and qualification documents must be submitted Re: **Senior Software Developer** to E-mail: DTUPROCUREMENT@BAHAMAS.GOV.BS **on or before 13th February 2023 at 5:00 p.m**.

ONLY SHORTLISTED INDIVIDUALS WILL BE CONTACTED