

Back-End Developer

Grade: SB3 – PEG1

Duration: 1 year

Deadline of application: 5th August 2019

Organizational Setting and background:

In adapting to the growing complexity of the 21st century, the United Nations need to respond dynamically to ensure it remains instrumental in supporting the achievement of the Sustainable Development Goals and targets for the 2030 agenda. Technological innovation and the role of partnerships across sectors have become increasingly important to accelerate progress in addressing the problems that humanity face.

In close partnership with the Government of Egypt, the UN is establishing and operationalizing the United Nations Technology Innovation Lab (UNTIL) located in Smart Village, Cairo - Egypt.

The priority focus of the UNTIL Egypt Lab will be establishing partnerships with UN Funds and Programmes as well as Governments, Academia, NGOs and private sector leveraging technology to address SDGs challenges in the areas of Education for special-needs students, health, industry and agriculture.

This position is located in UNTIL Egypt and administrated by TIEC Egypt and will report to the Lab Manager

Responsibilities:

Within delegated authority, and in close cooperation with the UNTIL Egypt Lab Manager, the Back-End Developer will be responsible for the following duties:

- Provide leadership, mentorship, and technical vision related to backend frameworks and associated software design paradigms
- Integration of user-facing elements developed by a front-end developer with server side logic
- Building reusable code and libraries for future use
- Optimization of the application for maximum speed and scalability
- Implementation of security and data protection

- Design and implementation of data storage solutions and the integration of multiple databases and data sources into a single system

Results Expected:

Develop the server-side logic as well as the development and maintenance of the central database, ensuring high responsiveness and performance to requests from the frontend.

Competencies:

- **Professionalism:** Excellent interpersonal and communication skills. Strong analytical, research, reporting and writing abilities. Strong organizational and process management competencies. Ability to rapidly analyse and integrate diverse information from varied sources. Ability to produce a variety of written media products in a clear, concise, journalistic style. Ability to deliver oral presentations to various audiences. Is motivated by professional rather than personal concerns. Ability to apply judgment in the context of assignments given, plan own work and manage conflicting priorities, and remains calm in stressful situations. Shows persistence when faced with difficult problems or challenges.
- **Accountability:** Takes ownership of all responsibilities and honours commitments; delivers outputs for which one has responsibility within prescribed time, cost and quality standards; operates in compliance with organizational regulations and rules; supports subordinates, provides oversight and takes responsibility for delegated assignments; takes personal responsibility for his/her own shortcomings and those of the work unit, where applicable.
- **Client Orientation:** Considers all those to whom services are provided to be “clients” and seeks to see things from clients’ point of view; establishes and maintains productive partnerships with clients by gaining their trust and respect; identifies clients’ needs and matches them to appropriate solutions; monitors ongoing developments inside and outside the clients’ environment to keep informed and anticipate problems; keeps clients informed of progress or setbacks in projects; meets timeline for delivery of products or services to client.

Qualifications:

Education: Advanced university degree (Master's degree or equivalent degree) in computer science, engineering or related field. A first-level university degree in combination with two additional years of qualifying work experience may be accepted in lieu of the advanced university degree.

Experience: A minimum of three years of progressively responsible experience of proficient experience with back-end programming language (such as PHP, Python, Ruby, Java, .NET, JavaScript etc.). Proficient understanding of code versioning tools, such as Git and of main web-based security principles.

Language: English and French are the working languages of the United Nations Secretariat. For this position, fluency in English is required; Knowledge of Arabic language is an advantage.

To apply please send your updated CV/ P11 on: innovation.eg@undp.org with “Back-End Developer” as a subject