



CAREER OPPORTUNITY

The National Works Agency, an Executive Agency of the Government of Jamaica, is seeking suitably qualified individuals for the under-mentioned position.

Intelligent Transportation System Application Developer (Contract)

QUALIFICATION AND EXPERIENCE:-

- Bachelor's Degree in Computer Science, Engineering or equivalent from a recognized tertiary institution.
- Six (6) years' application development experience, inclusive of three (3) years in similar position.
- Experience in conceptualization, design, specification, development and implementation of Intelligent Transportation System solutions to meet business needs.
- Experience in object-oriented analysis and design techniques.
- Knowledge and experience in Front End Frameworks such as Angular and Back-end Frameworks such as ASP.NET and C++ as well as other general web-based development tools.
- Familiar with I.T.S solutions and how to integrate/develop software for native Traffic Signal Devices.
- Working Knowledge of Version Control Systems; preferably Git.
- Professional knowledge in Traffic Management Systems such as Central Intersection Management and Traffic Signal Controller Programming.
- Knowledge of development with License Plate Recognition Cameras in relation to Origin Destination, Travel Time and Average Speed.
- Knowledge of Programming for Variable Message Signs and development of software.
- Experience writing automated unit tests using a Unit Testing Framework.

SKILLS REQUIREMENTS/KEY COMPETENCIES:

- Strong analytical skills with the ability to formulate and conceptualize solutions
- Excellent oral and written communication skills
- Methodical, results oriented, time-sensitive and highly motivated.
- Keen eye for details and the ability to exercise initiative.
- Team player

REPORTING RELATIONSHIP

Reports to: Operations Engineer

PRINCIPAL DUTIES/RESPONSIBILITIES

- Develop software solutions according to each project undertaken and to make the unit more efficient.
- Perform peer review of code and ensure applications are developed according to set standards.
- Programme and maintain communication boards for Traffic Signal Network
- Programme and maintain Traffic CCTV systems
- Travel to remote sites to troubleshoot ITS equipment.

CURRENT SALARY: \$4,319,592.00 per annum

Submitted application in writing no later than
Tuesday, May 20, 2025 to:
Human Resource Manager
National Works Agency,
140 Maxfield Avenue, Kingston 10 or
email: recruitment@nwa.gov.jm

The Agency thanks all applicants in advance.
Only individuals short-listed will be contacted.

"Developing Safe, Reliable & Quality Roads"