



**DEMERARA HARBOUR BRIDGE CORPORATION  
NON-MANAGEMENT JOB DESCRIPTION**

<b>JOB TITLE:</b>	<b>PROGRAMMER</b>	<b>LOCATION :</b>	<b>HEAD OFFICE</b>
<b>REPORTS TO:</b>	<b>INFORMATION TECHNOLOGY SPECIALIST</b>	<b>GRADE:</b>	-
<b>DEPARTMENT:</b>	<b>INFORMATION TECHNOLOGY</b>	<b>SECTION:</b>	-
<b>SUMMARY STATEMENT</b>	Responsible for maintaining all software programmes and licenses of the Corporation which includes troubleshooting and diagnosing computer software issues, installing, and upgrading all software when they become available and deal with all software related queries at the user level and responding to user needs in a timely manner.		
<b>D U T I E S T O F R E S P O N S I B I L I T I E S</b>	<b>DESCRIPTION OF DUTIES:</b>  <b>To provide continuous development and support</b> for the in-house software applications relating to the work processes of the Demerara Harbour Bridge Corporation.  <b>To research, evaluate and recommend</b> software packages / utilities, technologies, and other programming related tools to enhance the software development environment and the work environment in general.  <b>To prepare comprehensive</b> end-user and <b>technical documentation</b> and to assist with training for the software solutions developed.  <b>To assist in managing and updating</b> the software inventory and software lifecycle for the DHBC.  <b>To assist</b> the department with other IT related issues.		
<b>The above responsibility statements identify specific duties necessary to attain DHBC's overall objectives while not precluding the job holder from carrying out other related activities that may be inherent in the job.</b>			

## QUALIFICATIONS PROFILE

<b>JOB TITLE: Programmer</b>		
<b>FACTORS</b>		<b>SUBSTANTIATING DATA</b>
<b>1</b>	<b>EDUCATION</b>	Degree or diploma in Computer Science from a recognized institution. Proficiency in C-programming, JavaScript languages, and NodeJS Framework. Knowledge of the Drupal content management system will be considered an asset.
<b>2</b>	<b>EXPERIENCE/JOB KNOWLEDGE</b>	Skilled programmer with a minimum of three (5) years' experience in C-programming, JavaScript, NodeJS, HTML5, CSS3, and Bootstrap. Must be proficient in database administration with knowledge of Microsoft SQL.
<b>3</b>	<b>TECHNICAL/ PROFESSIONAL</b>	Responsible for continuous development and support of the DHBC internal POS and RFID services and all other custom applications.
<b>4</b>	<b>PROBLEM SOLVING /DECISION MAKING</b>	The incumbent's decisions are related to the specific operational procedures, processes, and activities necessary to satisfy the achievement of targets set, and quality standards. Must be able to identify issues and take corrective measures to resolve issues in a timely manner.
<b>5</b>	<b>INTERPERSONAL</b>	Contacts are made with employees through the IT Specialist and will be required to assist with IT related issues from time to time.
<b>6</b>	<b>RESPONSIBILITY FOR MATERIALS, CASH, ETC</b>	Responsible for assisting the organization with development, testing, installation, maintenance, and support of system software and recording performance.
<b>7</b>	<b>PROCEDURES/ REGULATIONS/ COMPLIANCE</b>	Works with the IT Specialist to plan, design and develop software solutions to assist the DHBC to function in its day-to-day operations efficiently and effectively.
<b>8</b>	<b>TEAMWORK</b>	The IT Specialist makes specific assignments accompanied by clear, detailed, and specific instructions. The employee works as instructed. The IT Specialist checks progress and reviews completed work for accuracy, adequacy, adherence to instructions and established procedures.
<b>9</b>	<b>WORKING ENVIRONMENT/ SAFETY OF OTHERS</b>	Generally, works indoors, and in a congenial team environment. May be required to work under pressure to meet deadlines in special cases.