**Job Title: Junior Software Development Officer**

**Department/Division: Software Development and Support Division**

**Job Summary**

The purpose of the job is to participate in and assist the design, development, maintenance and enhancement of new or existing business applications; to provide tier I technical support for business applications developed.

**Duties and Responsibilities**

* Fix and debug software bugs
* Enhance existing applications
* Writes reports regarding the state of software under development
* Conduct development tasks
* Monitors the performance of internal systems
* Analyzes user needs and software requirements
* Deploy developed applications on staging and production environment
* Perform additional tasks as assigned by immediate supervisor

**Job Specifications**

**Education**

Bachelor’s degree in Computer Science, Computer Engineering, Information System, Information Science, Software Engineering, Electrical Engineering or related field

**Experience**

* One year experience in software development
* Knowledge of programming languages like c++, java, java script
* Knowledge of databases and SQL/NoSQL

**Job Title: Associate Software Development Officer**

**Department/Division: Software Development and Support Division**

**Job Summary**

The purpose of the job is to design, develop, maintain and enhance new or existing non business applications; to perform the daily data software development activities, to contribute in the design and development of business application software; to ensure effective and efficient web and windows based software development, system support and troubleshooting of enterprise solutions with high availability and high performance requirements; to provide tier I technical support for business applications developed.

**Duties and Responsibilities**

* Gathers and refines user requirements from business users, produce requirements, designs documents
* Designs corporate business applications, develops applications logic using programming language and unit test the application;
* Gives application support, fixes application bugs, and maintains existing applications;
* Participates in in minor code development on business applications software as well as in the design, development;
* Provides Tier I support as directed by the division manager, proactively communicates progress, issues and risks on assigned tasks;
* Produces software documentations and learns key components of the software;
* Generates various reports as required;
* Performs other duties as assigned by immediate supervisor

**Job Specifications**

**Education**

BSc Degree in Computer Science, Software Engineering, Information System or other related field;

**Experience**

* 2 years relevant IT related Experience out of which 1 years on software development
* Experience in programming with C#, JavaScript, Asp.net, Java, React Js, Angular, and database (SQL/NoSQL) systems

**Job Title: Software Development Officer**

**Department/Division: Software Development and Support Division**

**Job Summary**

The purpose of this job is to design, develop, maintain, and enhance new or existing applications; to ensure effective and efficient web and windows based software development, system support, and troubleshooting of enterprise solutions with high availability and high-performance requirements; to provide tier II advanced technical support for business applications developed.

**Duties and Responsibilities**

* Develops programming code and software modifications using appropriate languages and tools to provide responsive and innovative solutions and new functionality;
* Writes documentation to provide user support for programs and for production/operating procedures;
* Analyses user system and application needs, determine and evaluate potential solutions, develop system specifications and requirements, and design application programs to meet the requirements;
* Works with business users to elicit business requirements based on project schedule;
* Develop software development plan in consultation with the line manager;
* Ensure that the necessary software related support and enhancements are provided to all developed applications
* Performs other duties assigned by the immediate supervisor

**Job Specifications**

**Education**

MSc\BSc in Computer Science, Software Engineering, Information System or another related field.

**Experience**

* 2/4 years relevant IT-related experience out of which 2 years of software development experience.
* Experience in programming with C#, JavaScript, Asp.net, Java, React Js, Angular, and database (SQL/NoSQL) systems

**Job Title: Senior Software Development Officer**

**Department/Division: Software Development and Support Division**

**Job Summary**

The purpose of this job is to design, develop, maintain, and enhance new or existing applications; to ensure effective and efficient web and windows based software development, system support, and troubleshooting of enterprise solutions with high availability and high-performance requirements; to provide tier III advanced technical support for business applications developed.

**Duties and Responsibilities**

**Job Specifications**

* Assigning tasks to junior developers such as coding, testing, debugging, and analysis.
* Writing advanced programming code.
* Writes documentation to provide user support for programs and for production/operating procedures;
* Researches, designs, and develops prototypes specific to selected products and technologies to demonstrate utility, productivity enhancements, and cost savings;
* Reviewing updated software systems.
* Managing project timelines and tasks.
* Writing development reports.
* Train and coach junior developers
* Creating technical documents for new software programs
* Works with business users to elicit business requirements based on project schedule;
* Evaluate produced assessment report to introduce best practice ideas, methods and processes.
* Performs other duties assigned by the immediate supervisor
* Ensure that the necessary software related support and enhancements are provided to all developed applications

**Education**

MSc\BSc in Computer Science, Software Engineering, Information System or another related field.

**Experience**

* 3/6 years relevant IT-related experience out of which 3 years of software development experience.
* Experience in programming with C#, JavaScript, Asp.net, Java, React Js, Angular, and database (SQL/NoSQL) systems

**Job Title: Principal Software Development Officer**

**Department/Division: Software Development and Support Division**

**Job Summary**

The purpose of this job is to design, develop, maintain, and enhance new or existing applications; to ensure effective and efficient web and windows based software development, system support, and troubleshooting of enterprise solutions with high availability and high-performance requirements; to provide tier advanced technical support for business applications developed.

**Duties and Responsibilities**

* Assigning tasks to junior developers such as coding, testing, debugging, and analysis.
* Writing advanced programming code.
* Writes documentation to provide user support for programs and for production/operating procedures;
* Researches, designs, and develops prototypes specific to selected products and technologies to demonstrate utility, productivity enhancements, and cost savings;
* Managing project timelines and tasks.
* Writing development reports.
* Train and coach junior developers
* Creating technical documents for new software programs
* Works with business users to elicit business requirements based on project schedule;
* Evaluate produced assessment report to introduce best practice ideas, methods and processes.
* Performs other duties assigned by the immediate supervisor
* Ensure that the necessary software related support and enhancements are provided to all developed applications

**Job Specifications**

**Education**

MSc\BSc in Computer Science, Software Engineering, Information System or another related field.

**Experience**

* 5/7 years relevant IT-related experience out of which 4 years of software development experience.
* Experience in programming with C#, JavaScript, Asp.net, Java, React Js, Angular, and database (SQL/NoSQL) systems

**Job Title: Manager, Software Development and Support**

**Department/Division: Software Development and Support Division**

**Job Summary**

Manage Business Application Development Unit. Provide input to IT strategy, divisional goals and objectives. Ensure the development, maintenance and customization of various business applications, IT solutions and software to support the Bank’s various software developments. Develop technical standards, templates and guidelines. Devise plans and ensure the implementation of the work plans.

**Duties and Responsibilities**

* Plan, organize, direct and control the activities of the Unit;
* Manage the preparation and consolidation of the Unit’s annual plan and budget as per the Exchange’s policies and procedures manuals;
* Work closely with business units and business users to have a good understanding of non-functional and functional requirements;
* Refine user requirements from business users and design logic to be implemented in upgrading the systems and develop application logic using programming language;
* Design overall  application architecture and business application database;
* Manage IT projects from initiation to full implementation;
* Provide leadership and guidance to coach, motivate, and lead team members to their optimum performance levels and career development;
* Tests applications, gives application support and fixes application Bugs and ensure consistent adherence to project life cycle methods and processes;
* Manage evaluation performances of the Unit’s staff based on HR policy of the Exchange;

**Job Specifications**

**Education**

* MSc/BSc in Computer Science, Software Engineering Information System or other related fields.

**Experience**

* 6/8  years of work experience in software development industry out of which 2 years of experience in managing and supervising software development team
* Experience in programming with C#, JavaScript, Asp.net, Java, React Js, Angular, and database (SQL/NoSQL) systems
* Experience working with Agile development technologies