



HM Government of Gibraltar

IT Trainee Technician (Junior Software Developer) Job & Person Specification

Grade: IT Trainee Technician (Junior Software Developer)
Department: Information Technology & Logistics Department
Responsible: Director of IT and Logistics Department

The main functions of the post are:-

SOFTWARE DEVELOPMENT:

As a junior software developer, you will be responsible for developing and maintaining interoperable web based applications. You will work closely with our team of developers, system engineers, and other stakeholders to deliver high-quality software solutions.

Responsibilities:

- Develop, test, and maintain software browser-based systems.
- Collaborate with stakeholders to design/enhance new and current systems.
- Participate in code reviews and provide feedback to other team members.
- Provide 1st line support to users of IT systems.
- Debug and troubleshoot issues in a timely manner.
- Provide general support for IT servers.

ANALYSIS & DESIGN:

Typical duties include:

- Systems analysis and design researching and documenting user requirements.
- Analyse problems specified by users and achieve adequate and prompt solutions.
- Translate the solutions provided by systems designs into detailed program specifications.
- Develop necessary software according to specifications.
- Train users of the system in how to operate the designed software.
- Test applications and make amendments.
- Maintenance and upgrades.

LOGISTICS:

- Assist and plan the development and implementation of logistics for all special projects and events hosted by the Government of Gibraltar in consultation with supervisory management.
- Liaise with suppliers and IT support contractors.

OTHER:

- Occasional PC & Printer repair / upgrading / troubleshooting.
- Configuring of networking protocols (TCP/IP) to work with applications.
- Adding and configuring new workstations.
- Setting up user accounts.
- Software installations.
- Performing procedures to prevent the spread of viruses.
- 1st line Support.
- Installation of PC's, Operating Systems and application software.
- After hours On-call Roster.
- Keep up to date with changes / developments in software and IT systems.
- Carry out other duties, appropriate to the grade, as required by the Director of IT Logistics Department.

**PERSON SPECIFICATION –
IT TRAINEE TECHNICIAN (JUNIOR SOFTWARE DEVELOPER)**

CRITERIA	ESSENTIAL	DESIRABLE
Qualifications:	Candidates must have a minimum of 5 GCSE's including English, Maths and a recognisable ICT qualification at grades A-C or grades 9-4.	A degree in Computer Science, Software Engineering is desirable
Experience:	To be fluent in an object orientated programming language and be comfortable working on the following platforms: SQL, Apache, Oracle	Networking and Communications (TCP/IP) and System Administration). A minimum of two years PC Network Environment and 1 st Level technical support.
Knowledge:	Strong knowledge of object orientated programming language and its core libraries Proficiency in software development principles, methodologies, and tools. Familiarity with database systems and SQL. Solid understanding of object-oriented design principles.	A strong familiarity with working in a Windows environment, TCP/IP networking, and Linux systems is highly desirable.
Key Skills and Behaviours:	Candidates will be expected to comply with the job specifications, and should be effective team players and skilled enough to take on or assume various roles within the team. They will also be expected to: Work on their own at times and be self-sufficient, flexible and resourceful in finding solutions to problems without breaching internal policies. Be co-operative i.e. working towards the common goal by sharing computing opinions and ideas. Develop tact when sharing views with others for the benefit of the department. Be positive and communicate effectively with the team and others. Have strong communication skills in English, both verbal and written.	
Other Requirements:	Substituting for higher grades when required. Availability for On-Call Roster. Available to work regularly, as required, after normal working hours.	

