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# Example of Engineer Technology Job Description

Our company is growing rapidly and is looking for an engineer technology. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for engineer technology

* Supervise regionalised Technology Engineers to carry out maintenance and fault/failure rectification activities on the following types of equipment – CCTV, ERT, MIDAS, RCC, NTIS, SWIS, Traffic Signal, Message sign and signal equipment in line with the Highways England and BB RTMC quality plan ensuring the technology systems are above the required 97% availability targets on a monthly basis
* Be responsible for developing fault reduction strategies within each sector
* Ensure HE TPMS data is captured and entered correctly and all data accurate
* Be qualified to HNC or B/TEC Higher National Certificate in electronics/ telecommunications engineering (or an agreed equivalent qualification), or 8 years experience working on Motorway communications or closely related systems
* Have good knowledge of HE testing / TMMM requirements
* Have NMCS 2 Communications experience good all round technology experience MIDAS, CCTV, VMS, ERTs, NTIS, SWIS, Traffic Signals etc
* You will Analyze and design effective and clear technical solutions for infrastructure and enterprise applications, provide high-level and/or detailed designs per need, responsible for solution updates according to project evolution and changes
* You will Evaluate and set clear road map for the applications operability aspects such as sizing, foot print usage and HA aspects
* You will Apply cost-effective availability design guidelines within the technical solution to meet business requirements
* You will Investigate new infrastructure technologies to meet business requirements

## Qualifications for engineer technology

* Extensive experience manipulating, modelling and analysing complex data with SQL
* Analysing data in relational databases (MPP/Columnar databases a plus)
* Ability to assist in process analysis and application design efforts including programming, testing and documentation on independent projects as well being a member of large projects
* 2+ years software engineering experience in an academic or professional environment
* Passion for solving large scale engineering problems
* Familiarity with a subset of the technologies we’re using