

Luke Armstrong

MAINTENANCE/SERVICE ENGINEER/LEAD

10 Grosvenor Garden, Barnsley, S70 6JH
07572421816 | lukearmstrong2201@hotmail.com
Full Clean Driving License | High Security Clearance

Dedicated Engineer with experience of maintaining and servicing the worlds most advanced technology. A recognised leader and team builder operates under pressure in volatile circumstances delivering world class performance. High work ethic, discipline, commitment and professionalism. Driven by self-motivation, I am studying for a distance-learning degree in Computing with IT(Software) at The Open University. I am seeking a new role as a cloud/platform developer and new opportunities to join an organisation recognised for excellence where I can utilize and expand my development skills by working on real world projects, introducing new and existing clients to the cloud and new developed operating platforms. Working for a consultancy which involves new exciting projects with supportive/talented people seems a perfect match for my willingness to learn and develop my existing skills within the company.

LANGUAGES

EXPERIENCED LANGUAGES: HTML, CSS, JAVASCRIPT, REACT, PYTHON, JAVA, BASH

FAMILIAR: DOCKER, GIT/GITHUB, SQL, NODE.JS, DOCKER

PROGRAMMING EXPERIENCE: OOP, POLYMORPHISM, ENCAPSULATION, INHERITENCE, ABSTRACTION, CLASSES

KEY SKILLS

- ✓ **MAINTENANCE/SERVICE MANAGEMENT:** Fully conversant with all aspects incl. maintenance scheduling long, medium, short and emergency, operational integrity always maintained within constraints
- ✓ **ELECTRICAL & MECHANICAL ENGINEERING:** Specifying, implementing, testing, controlling and maintaining complex systems incl. all operating procedures, risk assessments interactive processes and advice
- ✓ **PROJECT MANAGEMENT:** A thorough understanding of principles and application incl. time, cost, quality from concept to completion. Detailed attention to all aspects. Team player, generating high quality results
- ✓ **DESIGN:** Knowledge and experience of complex network design, technical specifications, construction, operations and maintenance incl. ensuring strict security, HSE and statutory compliance with risk assessments
- ✓ **COMMUNICATION:** Excellent written/verbal skills communicating technical and general information clearly and effectively at all levels, generating high team awareness and outstanding performance
- ✓ **COMMERCIAL MANAGEMENT:** Close attention to costs and revenue ensuring action taken to mitigate negative variances. Variations monitored and evaluated, full compliance with operating terms
- ✓ **TEAM MANAGEMENT:** Leading, training, mentoring, management and performance evaluation. Equality, Diversity and Inclusion (EDI) actively encompassed to ensure best available team capacity
- ✓ **STAKEHOLDER MANAGEMENT:** Attending meetings (internally & externally) with JV partners, other project participants, influencers and decision makers. Dealing with statutory, compliance regulations etc.
- ✓ **IT & PROGRAMMING:** Advanced programming in HTML, CSS, JavaScript, Java, Python. Skilled in programming methods such as Object orientated Programming. Program PLC using scripting functions to generate the desired outputs.

EDUCATION & QUALIFICATIONS

BSC in computing and IT (currently studying) | HNC Science & Engineering | NVQ3 in Nuclear and Mechanical Engineering | NVQ3 Electrical Engineering | C&G Level 2 & 3 NVQ Electrical and Mechanical Engineering Maintenance | C&G Edition wiring regulations level 3 | C&G Building Regulations Level 3

| C&G 3 Inspection and Testing of Electrical Installations | CMI3 First Line Management/ Organizational leadership
| Engineering Technical Leadership | PC Data Com's | Optic fiber repairs | Fire and first aid

CAREER HISTORY

Reliability Maintenance Engineer – Amazon LBA4

2021-Present

- Carry out planned preventative maintenance on the full range of equipment within the site
- React quickly to breakdowns, communicate clearly with affected parties and work efficiently to fix the issue.
- Support continuous improvement by learning from breakdowns and sending feedback and suggestions for improvements through the line manager.
- Provide high levels of equipment availability to our internal customers.
- Maintain systems such as but not limited to conveyor systems, Robots, motors, compactors, PLCs, belt welding.
- Support ongoing projects and manufacturing equipment and modifications to improve production.
- Programming PLC software to utilize maximize efficiency and performance.

2nd ENGINEER – Super Yacht Mogambo 85m & Power Play 55m

2020-2021

- Responsible for management of updating the maintenance management system with all PPM and Corrective maintenance onboard.
- Supporting the Owners requirements and remaining flexible with engineering maintenance of all equipment onboard to ensure the yacht is fit for voyage.
- Maintaining and servicing of 2 MTU & 4 CAT engines and logging time and running hours are partial to regular maintenance.
- Maintenance on but not limited to water makers, sewage treatment plant, capstans, hydraulic steering gears, anchor, shaft & bearing maintenance, 4 x Yamaha motor engines, 2 x Yamaha Jet ski maintenance. Water & fuel transfer pumps.
- Manage projects and installation to support the needs requires by the owner.

ELECTRICAL ENGINEER-Alstom Transportation

2017-2020

Working for a company developing and marketing a complete range of systems, equipment and service in the railway industry, responsible for

- Detailed electrical engineering analysis of train systems and components to enable maintenance optimization
- Creation of specification documents for maintenance and overhaul activities
- Supporting technical teams at depots as subject matter expert
- Performing root cause analysis of critical technical failure and operational events, producing high-quality report
- Development and implementation of engineering procedures and policies regarding level of train fleet maintenance specified by customer / contract requirements and compliant with legislative regulations
- Developing and maintaining a good working relationship with 3rd party OEMs and suppliers
- Responsible for liaising with testing and commissioning teams to ensure that the best practice and product knowledge is transferred / adapted to the UK operation
- Responsible for ensuring adequate levels of H & S and environmental issues are maintained across departmental activities and compliant with company policy and Health & Safety at Work Act requirements

LEAD MECHANICAL AND ELECTRICAL ENGINEER-Royal Navy

2009-2017

Part of the team responsible for ensuring nuclear submarines and weapon readiness, Reporting to the Senior Engineer responsible for

- Leading and managing highly trained technical team incl. ongoing training to optimize performance and ensure preparedness for immediate operations and emergencies

- Planning and delivering presentations/ briefs, coordinating training programs, monitoring skill levels, performance evaluation and recording individual progression
- Completing comprehensive checklists in advance to ensure operational readiness incl. liaison with appropriate authorities. Conducting detailed risk assessments and ensuring adherence to rigid health and safety policies
- Maintaining, diagnosing and repairing multifaceted communication, information, network, and ops' systems
- Preparing planned maintenance schedules and ensuring completion of daily tasks, keeping records of maintenance and repairs incl. 'tagging off' and ensuring compliance with Health & Safety procedures
- Preparing, scrutinising and maintaining specialist equipment systems at 24/7/365 readiness
- Monitoring exceedingly complex controls incl. high-pressure systems, pneumatics, hydraulics, ventilation, operations and firefighting systems
- Lead damage control engineering team and coordinate electrical repairs in emergencies
- Operating main control systems
- Complete ongoing training and development to maintain up-to-date knowledge of nuclear safety procedures, emerging technologies and systems
- Contributed to a successful build and launch of a new Amazon fulfilment centre.

Achievements: Always maintaining 24/7/365 operational availability, development and training of world class teams, development of technical knowledge compatible with servicing the world's most advanced technology

INTERESTS

Running | CASI Qualified snowboard instructor | represented the Royal Navy (RN) in snowboarding at the RN winter sports

CrossFit | golf | mountain biking

REFERENCES AVAILABLE ON REQUEST