

## **Maksim Yudin**

### **Electrical Engineer | Data Center Commissioning**

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#### **PROFESSIONAL SUMMARY**

Motivated and experienced electrical engineer with 9 years of expertise in HV/MV/LV systems, substations, and Data Centers. Proven track record as a Data Center Engineer, with a strong background in operations, maintenance, commissioning and team collaboration. Currently working as a Data Center Energy Marshall, with a keen interest in emerging technologies including AI/ML, Python, and Matlab Simulink power system simulations.

#### **PROFESSIONAL EXPERIENCE**

##### **DATA CENTER ENERGY MARSHALL      December 2024 - Present** **GLEEDS (Microsoft Data Center), France**

- Ensure compliance with the Energy Isolation Program and local safety standards.
- Review contractor's procedures and Isolation(LOTO) and Energization activities.
- Collaborate with Cx team for L1-L5 commissioning levels.
- Oversee high-risk energy construction and Cx activities, ensuring proper training and equipment.
- Conduct red tag walkdowns and witness MEP tests.
- Lead L2/L3 scripts reviews.
- Oversee equipment energization, rooms readiness and OFCI tracking.

##### **DATA CENTER FACILITY ENGINEER      April 2022 - December 2024** **AMAZON, France**

- Plan maintenance and negotiate with vendors, review quotations.
- Daily 24x7 shift rotation operations and maintenance of the DC facilities: UPS, batteries, diesel generators, electrical switchgear, PDUs, Chillers, AHUs, CRAHUs, fire detection & suppression systems.
- Evaluation power and cooling capacity before the racks or/and new panels deployment.
- Created 70+ detailed and proper procedures created MOPs, SOPs, and EOPs.
- Successfully led the 3-yearly preventive maintenance of MV (20kV) equipment. This involved planning, conducting team meetings, negotiating with vendors, developing SOPs and executing critical switchings.
- Power Transformer, EPMS FAT.
- Improving communication, information sharing between teammates
- Resolved plenty historical alarms alongside Controls team
- On-call support for other sites during non-business hours.
- Interview candidates

##### **RELAY PROTECTION ENGINEER      Feb 2020 – Mar 2022** **AGGREKO, Russia**

- Commissioning and maintain power generation sites 0.4/10 kV.
- Perform electrical testing of transformer sets, MV switchgears – Transformers 0.4/10kV, cables, VTs, generators; CTs.
- Create manuals and modify documents and drawings using AutoCAD and Visio.
- Created a Python-based program that generates electrical test reports 3 times faster
- Successfully commissioned 30+ transformer sets and 40+ LV gensets
- Launching first 7 MW Gas Power Plant for the Drilling with a supercapacitor
- Conducting load bank testing of the Wind Turbine Generators in the 200MW Wind Farm

##### **RELAY PROTECTION TECHNICIAN Level 5      Sept 2018 – Feb 2020** **ROSNEFT, Russia**

- Perform preventative maintenance on relay protection systems in substations 220/110/35/10/6 kV.
- Conduct CT, VT, and power transformer testing.
- Parameterize relay protections from ABB IED (REx670, Rex521, SPAC801), Schneider-Electric (SEPAM).
- Performed 110kV feeder relay protection PM alone with further improvement of procedures and internal manuals

**RELAY PROTECTION TECHNICIAN Level 4     July 2017 – Sept 2018****ROSNEFT, Russia**

- Test electromechanical relays and digital IEDs and test report writing.
- Won The Best Relay Protection Technician 2018 competition.

**HV SWITCHING OPERATOR             Aug 2016 – July 2017****ROSNEFT, Russia**

- Perform high voltage switching operations in substations 220/110/35/10/6 kV with a focus on safety.
- Comply with all health and safety regulations and wear appropriate personal protective equipment

**EDUCATION**

- Udemy: [Data Center Electrical Design & Reliability Concepts](#)
- Schneider Electric University [Data Center Certified Associate](#)
- MIT - No Code AI and Machine Learning: Building Data Science Solutions Course  
12-week program to learn to use AI and Machine Learning to make data-driven business decisions, June 2024 - Oct 2024
- Ugra State University, Khanty-Mansiysk, Russia  
Master's Degree, Electrical Engineering, 2018
- Ugra State University, Khanty-Mansiysk, Russia  
Bachelor's Degree, Electrical Engineering, 2016

**SKILLS**

Team player, HV, MV, LV, Data Center Critical Infrastructure, Relay protection, Electrical tests, Electrical Safety, AutoCAD, Microsoft Office Word, Excel, Visio, Python, Instructions creating, Task prioritization, Scheduling, Troubleshooting.