

Job Description

POSITION	Principal/Senior Electrical Engineer		
LOCATION	Milan		
DURATION	Full Time, Permanent	DATE	July 2026
JOB OVERVIEW			

Do you enjoy leading the design of complex electrical building services systems and seeing your ideas brought to life on some of the most high profile data centre projects in Europe? This is an opportunity to take a senior technical and leadership role within a rapidly growing international consultancy, at a pivotal moment in our Milan expansion.

WHAT'S IN IT FOR YOU

Technical Leadership on Landmark Projects – You'll lead the design of electrical systems for large scale, mission critical data centre developments, working with major global clients and shaping robust, resilient power and distribution solutions.

Influence from Concept to Delivery – From electrical distribution topologies and UPS strategies to emergency lighting and detailed specifications, you'll have ownership across all stages of design, ensuring solutions are technically excellent, compliant, and client focused.

Build and Shape a Growing Team – As part of a newly established Milan office, you'll play a key role in developing the local engineering team, mentoring others, and helping to define how the business grows in Italy.

Collaboration Across Europe – You'll work closely with experienced engineers across Europe and globally, gaining exposure to international best practice while remaining embedded in a supportive, collaborative environment.

Career Progression and Visibility – With Black & White Engineering's continued growth, this role offers real opportunity to progress into broader leadership positions while gaining strong recognition for your contribution and expertise.

Values Driven Culture – Join a business that values Accountability, Integrity, Simplicity and Supportiveness, where technical excellence and professional development go hand in hand.

ESSENTIAL SKILLS

- Degree in Electrical Engineering or Building Services Engineering
- Proven experience leading the electrical design of complex building services projects, ideally within the data centre sector

- Strong capability in electrical distribution topology design, emergency lighting systems and UPS solutions
- Experience acting as lead engineer and liaising directly with clients and external design teams
- Ability to manage and coordinate multi-disciplinary design teams
- Registered Engineer in Italy, with strong knowledge of relevant codes, standards and regulations

In addition, you will be joining a community that prioritises ongoing learning and development through regular knowledge-sharing sessions and investment in accredited professional courses and educational programmes. You set the pace for your professional development—whatever direction you choose, you'll receive full support along the way.

ABOUT BLACK & ENGINEERING

Black & White Engineering is a multi-award-winning engineering consultancy with offices across the UK, Europe, the Middle East and Asia Pacific.

As an international engineering consultancy with a proven track record of delivering complex, high profile projects across the globe, we are now investing significantly in our growth across Italy. This is an exciting opportunity to join a business at a pivotal stage of its development, helping to shape and influence our expansion in the market. With ambitious growth plans, a strong pipeline of opportunities, and the backing of a globally recognised organisation, you will have the chance to make a tangible impact from an early stage while building your career within a rapidly growing and dynamic business. Combining local opportunities with access to international expertise, projects, and career pathways, this is a unique chance to be part of an exciting growth journey in Italy.

READY TO TAKE THE LEAD?

Apply now and help shape the future of digital infrastructure. Let's build something extraordinary together.