



PHICON

Aleksandar Vasiljevic
Senior Geotechnical Engineer (CEng MICE)

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PROFILE

Chartered Senior Geotechnical Engineer with over a decade of international experience across infrastructure, energy, and marine sectors. Combines design rigour with site pragmatism to deliver auditable, buildable solutions compliant with Eurocode 7 and UK NA. Experienced in ground investigation, geotechnical design, and digital reporting that improves clarity, traceability, and decision-making.

CORE COMPETENCIES

- Foundation, retaining and slope design to EC7 DA1
- Ground investigation design, supervision, and reporting
- Numerical modelling (PLAXIS 2D, Repute, RS2, LimitState:GEO)
- Earthworks QA/QC, working platforms, pavement construction
- Risk management, Cat II/III verification, and compliance reviews
- Digital dashboards, automated reporting, and SharePoint workflows

SELECTED PROJECTS

Ardersier Energy Transition Facility — Earthworks QA, pavement design, materials strategy; dashboards improved test visibility and decision speed.

Havant Thicket Reservoir — Embankment stability checks, compaction strategy, I&M regime; critical hold points cleared on time.

High Speed Two — Ground modelling, design checks to EC7, Cat II/III interface; coordinated across disciplines.

Deep Tunnel Sewerage System Phase 2 — Tunnels/shafts support; FE analyses, temporary works coordination, constructability input.

CREDENTIALS & H&S

Chartered Engineer (CEng MICE) • CSCS AQP Card • Full UK Driving Licence

EDUCATION

MSc Geotechnical Engineering (Merit) — University of Dundee (2014)

BSc (Hons) Civil Engineering (First Class) — University of Abertay (2013)

HNC Construction — University of the Highlands and Islands (2009)

Through Phicon, Aleks leads a network of geotechnical associates, ensuring all design and verification work meets the highest standards with chartered oversight. He advances digital and AI-driven systems that improve accuracy, documentation, and decision-making across the practice.