

JONAS NKURIKIYINKA

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Engineering Profile

- ✓ Eager to learn and build on practical experience.
- ✓ Strong technical and professional communication skills.
- ✓ Able to work independently and as part of a team.
- ✓ Analytical, problem-solving mindset with strong attention to detail.

Work Experience

Geotechnical field technician/ Jun 2024 – Oct 2025/ Geopacific Engineering Inc./ Portland, Oregon

- ✓ Monitored construction through supervision and sampling for compliance with safety and geotechnical specifications.
- ✓ Conducted soil tests: Atterberg limits, grain size analysis, proctor compaction and field density testing.
- ✓ Assisted with field investigations including borehole logging and sample collection.
- ✓ Supported engineers in drafting geotechnical reports and foundation design recommendations.

Road inspector/ Jan 2023 – Oct 2023 / Astrik international ltd/ Kigali, Rwanda

- ✓ Supervised the contractor for compliance with standards and project specifications, including geotechnical quality control.
- ✓ Assisted in engineering management of road projects, including coordinating communication between the client and contractor, equipment, and safety.

Road inspector/ Jan 2021 – Nov 2022 / SMEC international Ltd/ Kigali, Rwanda

- ✓ Supervised upgrade of 66km Huye-Munini- Kibeho asphalt road construction.
- ✓ Observed that the work was consistent with conditions of contract, specifications and safety standards.
- ✓ Documented through technical reports on the construction methods, quality assurance and management

Quality control engineer/ Apr 2018 –Mar 2020/ NewTech consulting group/ Kigali, Rwanda

- ✓ Ensured quality engineering practices throughout materials testing complying with technical specifications of project contract, for Huye-Kitabi 53km road project.
- ✓ Conducted geotechnical investigation and analysis on soils, asphalts, aggregates.

Education

- ✓ **Master of Engineering** in Geotechnical Engineering (anticipated graduation date June 2026), with relevant coursework: advanced soil mechanics, foundation design, site investigation, slope stability analysis, seismic and liquefaction analysis, soil structure interactions, retaining structures and soil bearing capacity/settlement.
- ✓ **Bachelor of Science** in Civil Engineering from University of Rwanda Sept 2013 – Aug 2017.

Technical Skills

- ✓ Microsoft Word, Excel, PowerPoint, Outlook
- ✓ Basics AutoCAD/ Civil 3D, GeoStudio, Lpile, AB walls 3D, Canvas.