



Wanted: Simulation and Industrial Engineering Consultant

Minimum Qualifications: B.Tech or B. Eng. (Industrial) Degree

Experience Required: 3+ Years in SIMIO Simulation. Experience in mining will be an advantage.

EE/AA: Preferred, but not mandatory

Location: Centurion, Gauteng. Consultant will be expected to travel periodically to client sites and stay over to perform project work. Our clients are distributed across South Africa and the rest of Africa.

Availability / Start: ASAP

Package: Market Related

Appointment: Permanent / full time basis.

Job Summary:

VBKOM (Pty) Ltd is a consulting firm within the mining industry where it provides various services to blue chip and junior mining clients to develop mining resources. These services include but are not limited to geological modelling and interpretation, mining engineering, metallurgical engineering, industrial engineering, project & risk management as well as project and operational support. This position will fall in the industrial engineering discipline where the candidate must be fully capable to perform Simulation in SIMIO, but will be upskilled and utilized in all other Industrial Engineering services depending on project requirements.

The VBKOM industrial engineering team focus is on the following services:

- Decision Support Services, including:
 - Simulation
 - Financial Modelling
 - Project Risk and Decision Tree Analysis
 - Data Mining and Business Intelligence
- Value Engineering, including:
 - Operational Readiness (Ensuring fit for purpose solutions with a smooth project handovers and efficient operational systems)
 - Supply Chain Analysis
 - Engineering Logistics (Asset configuration and maintenance management)
- Continuous Improvement, including:
 - Theory of Constraints Analysis
 - General Productivity Improvement
 - Business Process Analysis
 - Time Studies

The candidate should have sufficient technical capability to integrate with other engineering disciplines and it will be beneficial to have a good understanding of how projects are studied and executed in the capital-intensive industries.

The successful applicant will be required:

- › To integrate in a larger Industrial Engineering team, with diverse expertise and experience in various commodities and service offerings.
- › We expect all our industrial engineers to be multi-skilled and the successful candidate will need to upskill himself/herself in the industrial engineering focus areas listed above as well as project and risk management and obtain a detail understanding of mining engineering principals.
- › The appointed candidate will report to a principal consultant as line manager that will act as mentor and manage the position's growth and performance requirements.

Desired Skills:

- › Alignment with the VBKOM values published on our website at www.vbkom.com.
- › Full SIMIO Simulation proficiency is mandatory.
- › Able to review simulation models and results produced by other consultants.
- › Ability to analyse data, formulate problems and derive relevant solutions within the VBKOM service offering.
- › Exceptional verbal and written language skills with a strong and ongoing customer focused approach.
- › Excellent computer skills in Microsoft Word, Excel, Powerpoint, Projects and Power BI software is mandatory. Proficiency in Monte Carlo software such as @Risk will be an advantage,
- › Ability to work independently and proactively.
- › Excellent people skills. A sound work ethic
- › Be well organized and energetic. This includes setting clearly defined objectives, planning activities and projects well in advance and take account of possible changing circumstances, identifying and organising resources needed to accomplish tasks, managing time effectively, monitoring performance against deadlines and milestones.
- › To be able to upskill self on new technical processes and specialist software packages required to deliver a service.
- › To continuously stay up to date with new technical developments and take personal accountability for personal development and effectively utilize the full capability of our specialist software packages and available technology to meet objectives for client deliverables.
- › Ability to ensure that quality of work is of the highest standard and without errors.
- › As a consultant you will be required to effectively manage internal administration such as backup of data in ordered manner and keeping timesheets.
- › To effectively work as part of a team to reach project objectives.
- › To professionally engage with clients as part of the team
- › Empower clients to achieve their objectives through VBKOM's Decision Support Solutions

Should you wish to apply, please send your CV, Cover Letter and Qualifications to vacancy@vbkom.co.za. Only successful candidates will be contacted.

Applications close 28 March 2023.



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