



GAYAN SANJEEWA

MINING ENGINEER | PROJECT
MANAGEMENT | SUSTAINABLE MINING

PERSONAL PROFILE

Dedicated and results-oriented Mining Engineer with proven expertise in tunnel excavation, open-pit mining, and quarry operations. Holds a BSc in Earth Resources Engineering from the University of Moratuwa. Experienced in leading multidisciplinary teams, managing large-scale mining projects, and delivering safe, cost-efficient, and sustainable engineering solutions. Skilled in mine design, feasibility studies, and geotechnical assessments, with a strong track record in improving productivity, safety, and compliance.

CONTACT DETAILS

☎ 0754022578
✉ gwijeweera319@gmail.com
🏠 53, Pattihena, Devinuwara

CORE SKILLS

- Mine Planning & Design
- Tunnel Excavation & Ground Support (Rock Bolts, Shotcrete, Precast Linings)
- Drilling & Blasting Operations
- Project Management & Team Leadership
- Feasibility Studies & Resource Optimization
- Health, Safety & Environmental Compliance
- Analytical Problem Solving & Critical Thinking
- MS Office & Engineering Software

REFERENCES

AVAILABLE UPON REQUEST

EDUCATIONAL HISTORY

BSc (Hons) in Earth Resources Engineering

University of Moratuwa — 2020

PROFESSIONAL EXPERIENCE

State Development and Construction
Corporation

Mining Engineer 2018 – 2025

A-Grade Quarry & Crusher Plant (2020– Ongoing)

- Designed and implemented mine plans to optimize extraction and increase production efficiency.
- Directed daily operations (drilling, blasting, hauling) with strict adherence to safety protocols.
- Reduced equipment downtime through proactive maintenance strategies.
- Trained and supervised a workforce of 25, improving safety culture and productivity.

Moragahakanda–Kaluganga Tunnel Project (2018-2020)

- Planned and executed drilling and blasting operations, achieving optimal tunnel alignment and efficiency.
- Supervised ground support system installations (rock bolts, shotcrete, precast linings), ensuring tunnel stability.
- Conducted geotechnical analyses to assess risks and mitigate ground-related challenges.
- Delivered 336 m of tunnel excavation on schedule and within budget, ensuring environmental and social compliance. Implemented a real-time collaboration feature in a team project, enhancing communication among remote team members.