

AKASH KUMAR S

MINING ENGINEER

CONTACT

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248 PEDDAPALI MAIN ROAD BEHIND
NEHRU SCHOOL KARNATAKA, KGF

TECHNICAL SKILLS

- Mine planning
- Analytical skills
- Problem Solving
- Mine operations
- Safety and compliance
- Team Working
- Drill & Blasting pattern design
- Control Blasting
- Safety presentations
- Mine safety
- Ground support installation

SOFT SKILLS

- Effective Communication
- Digital Marketing
- Business development
- Critical thinking
- Organization Skill
- Time-management Skill
- Budgeting
- creativity

IT SKILLS

- Microsoft office
- Auto Cad/ Cam / Solid edge
- Wipfrag (Mining)
- OpitBlast (Mining)
- Adobe Photoshop

CERTIFICATES

- SECOND CLASS MINE MANAGER
CERTIFICATE OF COMPETENCY
UNRESTRICTED MMR1961
- GAS TESTING CERTIFICATE OF
COMPETENCY UNDER MMR 1961
- FIRST AID CERTIFICATE OF
COMPETENCY
- SURANG INTERNATIONAL
CONFERENCE CERTIFICATE
INDUSTRIAL
- INTERNSHIP TRAINING CERTIFICATE

PROFILE

A passionate and results-driven Mining Engineer of experience in the mining industry. Skilled in strategic mine planning, and coordinating efficient mining operations, determining the type and capacity of haulage equipment & labor utilization. Expertise in mining equipment maintenance, operations and including budgeting and cost estimation. Strong analytical thinking and problem-solving skills cost savings designing, implementing, and monitoring facility projects, such as water and power supply, ventilation system, drainage, and conveyor systems, and material cleaning, grading.

WORK EXPERIENCE

FIELD APPLICATION MINE MANAGER (MARKETING) *AUGUST 2023 -Present* SUA EXPLOSIVES AND ACCESSORIES PRIVATE LIMITED , Bengaluru

- Collaborated with MTI Group-Australia, overseeing marketing Business development maintenance, usage, and field operations for air decking Mining applications to improve fragmentation and reduce explosive consumption.
- Analyzing and optimizing the cost- effectiveness of mining operations, improving efficiency and productivity through innovative engineering solutions.
- Conducted tests and ensured safe handling of boosters and detonating cords for reliable blasting performance.
- Oversaw the use of high and low explosives, dangerous goods, ground control methods, cost control measures, pre-splitting, and trial blast.
- Collaborating with the R&D team to improve designs and performance.
- Provided technical support, enhancing customer satisfaction and retention.

ASSISTANT MINE MANAGER *SEPTEMBER 2022 - JULY 2023* SMSL PVT LTD (UCIL) URANIUM CORPORATION OF INDIA LIMITED , Andhra Pradesh

- Maintained all statutory records in compliance with the Mines Act 1952 and other regulations.
- Planning for blasting operations, vibration measurement, secondary blasting, achieving good fragmentation, and ensuring safety in all blasting processes with an emphasis on safety & annual budgets for drilling and blasting operations.
- Hosting activities for Mines Safety Week, preparing for inspections by DGMS, IBM, and other government agencies.
- Managing the storage and handling of explosives, ensuring compliance with safety regulations.
- Maintaining accurate VTC records as per VT rules, ensuring compliance with all regulatory requirements.

GET FOREMAN *January 2021- September 2022*

- Managing Planning and executing -panel block, production and development, machinery maintenance, drilling and blasting operations and explosive maintenance ensuring safety and efficiency.
- Supervising daily operations in the mine, ensuring compliance with safety standards of labors & overseeing loading and transportation of mined materials, maintenance of haulage roads to facilitate smooth transportation of materials and equipment within the mining site.
- Enforcing safety protocols and conducting regular safety drills and inspections as per VTC tasks to miners and laborers, monitoring their performance, and providing necessary training.
- Assisting with various tasks as needed to support overall mining operations, including maintenance of haulage roads, equipment inspections, and logistical planning
- Ensuring efficient use of resources and materials to maintain productivity.

LANGUAGES

- English
- Kannada
- Tamil
- Hindi
- Telugu

STRENGTH

- Strong technical skills in mining engineering and explosives management
- High adaptability to new technologies and processes
- Proven ability to work under pressure and meet deadlines
- Strong analytical skills and attention to detail
- Ability to innovate and implement new ideas effectively
- Commitment to safety and regulatory compliance

FIELDS OF INTEREST

- Advanced Mining Technologies
- Sustainable Mining Practices
- Safety Management in Mining Operations
- Mining Sales and Marketing
- Environmental Impact of Mining
- Innovation in Mining Equipment
- Cost Optimization in Mining Operations
- Virtual Training Centers (VTC) for Miners
- Class-based Safety Training for
- Volleyball ,Cooking ,Drawing , Travel , Micro Art



EDUCATION

- **BACHELOR IN MINING ENGINEERING** OCTOBER 2017 - AUGUST 2020
DR.T.THIMMAIAH INSTITUTE OF TECHNOLOGY | VTU university
GPA:8
- **DIPLOMA IN MINING** JULY 2014 - JUNE 2017
SCHOOL OF MINES KGF | DTE university
70%
- **MATRICULATION SSLC** APRIL 2014
BEML HIGH SCHOOL
65.60%



INDUSTRIAL TRAINING

- Opencast Mining at SMIORE (*Sandur Manganese & Iron Ore Limited*), Hospet-Bellari region of Karnataka
- Underground Mining at HGML (*Hutti Gold Mines Company Limited*), Karnataka
- Opencast Mining at JSW (*Jindal South West Steel Limited*), Karnataka
- Opencast and Ramp Underground Mining at HCL (*Hindustan Copper Limited*), Malanjkhand, Madhya Pradesh)



PROJECTS AND SEMINARS

- MAJOR PROJECT: STUDY OF INSTRUMENTATION ON GROUND CONTROL OF UNDERGROUND METAL MINES (NIRM) NATIONAL INSTITUTE OF ROCK MECHANICS
- INTERNSHIP SEMINAR: STUDY OF MINE INTEGRATING SYSTEM (MIS)
- TECHNICAL SEMINAR: RISK ASSESSMENT OF CHRONIC POISONING AMONG INDIAN METALLIC MINERS

DECLARATION

I hereby declare that the above-mentioned particulars are true to the best of my knowledge and belief. I am confident in my abilities of doing the complete justice to the duties required of me and a definite in the success of the organization.

THANKING YOU
AKASH KUMAR S