Amit Kumar

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Objective

Dedicated and detail-oriented Engineering Assistant with over 5 years of experience in the oil and gas industry. Seeking to leverage technical skills and industry knowledge to contribute effectively to the engineering team at Indian Oil Corporation Limited (IOCL).

Education

Bachelor of Technology in Mechanical Engineering

Indian Institute of Technology, Delhi

Graduated: May 2018

- \*\*CGPA:\*\* 8.5/10

Professional Experience

Engineering Assistant

Reliance Industries Limited, Mumbai, Maharashtra

June 2018 – Present

- Assisted senior engineers in the design, development, and maintenance of oil and gas pipelines and infrastructure.

- Conducted site inspections and prepared detailed reports to ensure compliance with safety and environmental regulations.

- Utilized AutoCAD and other design software to create and modify technical drawings and schematics.

- Performed data analysis to optimize operational efficiency and reduce costs, resulting in a 10% increase in project efficiency.

- Coordinated with cross-functional teams to troubleshoot and resolve technical issues, ensuring minimal disruption to operations.

- Prepared and presented technical documentation and reports to stakeholders and management.

Intern - Engineering Department

ONGC, Dehradun, Uttarakhand

June 2017 – August 2017

- Assisted in the preparation of project proposals and technical documentation.

- Conducted research and data collection to support engineering projects.

- Supported the maintenance and calibration of engineering equipment and tools.

- Gained hands-on experience in the field through site visits and inspections.

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Skills

- \*\*Technical Skills:\*\* AutoCAD, SolidWorks, MATLAB, MS Office Suite

- \*\*Industry Knowledge:\*\* Oil and Gas Pipeline Design, Safety and Environmental Regulations, Project Management

- \*\*Analytical Skills:\*\* Data Analysis, Problem Solving, Technical Reporting

- \*\*Soft Skills:\*\* Team Collaboration, Communication, Attention to Detail

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Certifications

- \*\*Certified Engineering Technician (CET)\*\* – National Institute for Certification in Engineering Technologies (NICET)

- \*\*Project Management Professional (PMP)\*\* – Project Management Institute (PMI)

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Projects

Pipeline Efficiency Optimization Project

- Conducted a comprehensive analysis of existing pipeline operations to identify inefficiencies.

- Implemented new monitoring techniques and maintenance schedules, leading to a 10% increase in operational efficiency and a 15% reduction in downtime.

Safety Enhancement Initiative

- Developed and implemented a safety training program for engineering staff.

- Reduced workplace incidents by 20% through improved safety protocols and regular training sessions.

Professional Memberships

- Member, Institution of Engineers (India) (IEI)

- Member, Society of Petroleum Engineers (SPE)

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