Udo, Aniekan Sunday

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Professional Summary

Detail-oriented Chemical Engineering graduate passionate about delivering innovative, eco-friendly, and cost-effective solutions in drilling and production workflows. Skilled in process optimization, quality control, and leveraging advanced digital tools to enhance efficiency while reducing costs. Committed to driving operational excellence and sustainability in the oil and gas industry.

Work Experience

Quality Control Assistant (Grease Production)
Crest Point Nigeria Limited, Owerri, Imo State | 2023 - 2024

- Optimized grease production workflows, contributing to a 10% reduction in production costs.

- Ensured compliance with environmental and industry regulations through rigorous quality control testing.

- Collaborated with engineers and technicians to implement innovative solutions for production challenges, minimizing downtime by 15%.

- Conducted process analysis. To identify and rectify inefficiencies, enhancing overall operational performance.

National Youth Service Corps (NYSC)
Chemistry and Physics Teacher – Community Secondary School , Rumuekini, Rivers State. 2022 - 2023

- Delivered engaging lessons in Chemistry and Physics, simplifying complex scientific concepts for better student understanding.

- Designed and implemented practical experiments to enhance hands-on learning and problem-solving skills.

- Mentored students, preparing them for inter-school science competitions and fostering a passion for STEM fields.

Backend Web Developer
Personal Projects | 2019-Present

- Engineered backend solutions for web applications using Nest.js and other modern technologies.

- Designed scalable database architectures and implemented seamless API integrations.

- Collaborated on team projects to create user-friendly systems, optimizing workflows for diverse industries.

Freelance 3D Modeler
Upwork | 2020-Present

- Successfully completed multiple 3D modeling projects for clients using Blender.

- Delivered high-quality, precise, and visually compelling designs tailored to client requirements.

Education
B.Eng. in Chemical Engineering
Michael Okpara University of Agriculture, Umudike | 2015-2022

- Graduated with Second Class Upper Division.

- Developed a strong foundation in chemical processes, industrial operations, and production technologies.

West African Senior School Certificate (WASSCE)
Great Faith Comprehensive College, Utu Ikot Ekpo, Akwa Ibom State | 2015

First School Leaving Certificate
St. Anne's Catholic School, Ifuho, Ikot Ekpene, Akwa Ibom State | 2007

Technical Skills

- **Oil and Gas Engineering**: process optimization, quality assurance, cost-saving methodologies

- **Digital Tools:** Nest.js, Node.js, SQL, MongoDB.

- **3D Modeling and Design**: Proficient in Blender for industrial and architectural designs.

- **Chemical Engineering Tools**: Process simulation, product analysis, and environmental compliance.

- **General Skills:** Microsoft Office Suite, project management tools, and advanced database management.

Certifications and Training

- Completed online courses in Backend Web Development (Nest.js).

- Self-taught 3D modeling expert using Blender for industrial applications.

- Ongoing training in advanced database management and .energy-efficient production technologies

Projects

- Designed and implemented a database-driven exam management system with automated grading features, showcasing problem-solving and efficiency in software development.

- Delivered eco-friendly 3D models for industrial design and projects, emphasizing cost-effectiveness and sustainability.

Personal Attributes

- Strong teamwork and collaboration abilities.

- High attention to detail and commitment to quality.

- Quick learner, adaptable to new technologies and dynamic environments.

References

Engr. Paul Sunday Akpan
Yusal Teleview Nigeria Limited
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Engr. Promise Micheal Udoh
Halliburton Energy Service Nigeria Ltd.
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