

OSAZODUWA OSASIEME AGBONENI

Project Manager | Researcher | Automotive | Royal Academy of Engineering Champion |
4 x Fellow | 7 x Grant Awardee

EDUCATION

- **MSc Oxford Brookes University, United Kingdom** | Automotive Engineering with Electric Vehicles
| In view
- **BEng University of Benin, Nigeria** | Mechanical Engineering

SKILLS

- Project Time management
- Engineering Expertise
- Leadership
- Regulatory Compliance
- Team Engagement
- Cost and Quality Control
- Database Management
- Problem Solving
- Commitment to Safety
- Analytical Skills
- Cross-functional Coordination
- Operational Improvement
- Communication
- Quality Focus
- Risk Assessment and Mitigation

Software:

Simulation and Analysis: Adams Car, ANSYS, GT Suite, LS-Dyna, MATLAB

Design and Modelling: CATIA, SolidWorks, AutoCAD, Multisim

Project Management: Primavera P6, Trello, Microsoft Project, Gantt Chart, Zoho, Microsoft Teams

EXPERIENCE

Safer End of Engineered Life Champion (Royal Academy of Engineering), UK Oct 2021 - Present

Achievements:

- Championed the Safer End of Engineered Life initiative by collaborating with industry experts to develop safety codes and standards for decommissioning end-of-life vehicles. 90% of Nigeria's automotive industry stakeholders adopted the protocol.
- Generated a comprehensive resource library about best practices for end-of-life vehicle handling and disposal, implemented by over 100 automotive companies in Nigeria.
- Championed the Safer End of Engineered Life initiative to promote sustainable and safe disposal of automotive waste in Nigeria; collaborated with 10+ stakeholders and delivered 5 workshops to increase awareness among industry experts and consumers alike

Project Manager, Nenis Engineering Limited (Nenis Auto Care)

Jan 2015 – Sept 2022

Achievements:

- Effectively scheduled and delegated tasks for designing and integrating a cutting-edge CRM system under the guidance of a Principal Engineer, leading to an increase in customer satisfaction by 30% and workshop efficiency by 20%.
- Managed weight and cost targets effectively across over 5000 vehicles, ensuring 100% project completion within budget and meeting financial forecasts. This role involved detailed scheduling of design and maintenance activities to meet rigorous engineering deliverables.
- Delivered high-quality technical solutions, resulting in 90% of vehicle services being completed on time and within budget, exceeding customer expectations. These solutions were imaginative, incorporated team input, and demonstrated my ability to contribute to complete and effective engineering plans.
- Implemented a robust Health, Safety, and Environment (HSE) management system within Nenis Engineering Limited, leading to a 40% reduction in safety incidents over a two-year period. This initiative also resulted in the company achieving ISO 45001 certification for Occupational Health and Safety Management, demonstrating our commitment to the well-being of our employees and compliance with global safety standards.

University of Lagos

Mar 2019 - Sep 2020

Achievements:

- Accelerated the establishment of the Vehicle Diagnostics and Prognostics Centre within a 12-month deadline, meeting all project goals
- Acquired \$100,000 diagnostic and prognostic tools for cutting-edge research and improved educational resources for over 5000 students

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Project Engineer, Reliance Telecommunications Limited

Oct 2010 - May 2012

Achievements:

- Improved and facilitated change control processes for 54+ base stations, coordinating with over 5 stakeholders per project to evaluate change impacts and approve or reject proposed changes.
- Completed 90% of base stations on time and within budget, exceeding project goals and improving network uptime.
- Coordinated with 15+ external service providers for base stations, ensuring high-quality deliverables and 95% stakeholder satisfaction.

Maintenance Engineer

Jun 2007 - Aug 2010

Achievements:

- Established comprehensive maintenance management schedules for 200 base stations, increasing equipment reliability by 20%
- Pioneered effective documentation and inventory management systems for 70 base stations, improving maintenance efficiency by 15% and reducing inventory discrepancies by 10%
- Leveraged strong technical expertise to perform diagnostics on an average of 30 vehicles per day, improving the efficiency of repair and maintenance services by 25%

Automotive Service Advisor, Coscharis Motors Limited

Apr 2006 - May 2007

- Bolstered customer satisfaction rates by 20% through effective communication, bridging the gap between customers and technicians.
- Boosted service efficiency by 15% by delivering timely and efficient vehicle maintenance and repair services.
- Contributed to a 25% increase in repair work throughput through efficient coordination with the technical team.

OTHERS

Associations

- Associate Member, Institution of Mechanical Engineers
- Member, Association for Black and Minority Ethnic Engineers
- Member, Nigeria Society of Engineers
- Member, Association of Professional Women Engineers of Nigeria
- Fellow, Nigerian Society of Engineering Technicians
- Fellow, National Association of Engineering Craftsmen
- Member, Women's Engineering Society
- Member, Council for the Regulation of Engineering in Nigeria
- Member, Automotive and Locomotive Engineers Institute
- Fellow, Nigerian Institution of Mechanical Engineers
- Fellow, Nigerian Association of Technologists in Engineering

Outreach and Mentorship

- Facilitated Health, Safety, and Environment (HSE) training for 500+ artisans, fostering safe automotive practices and promoting workplace safety.
- Spearheaded "Girls Auto Squad", training 50 girls as preventative maintenance technicians, sparking non-traditional career interests.
- Conducted "Waste to Wow" workshops, promoting recycling and sustainability to 200+ secondary students.
- Led "Innovation Challenge" workshops, inspiring 500+ students with mechanical engineering activities.
- Initiated "Technical Skills for Girls" series, equipping 200+ girls annually with automotive skills, boosting confidence and aspirations.
- Acted as a "Girls in STEM" mentor, guiding 10+ girls yearly, contributing to a 20% rise in female STEM enrolment in participating schools.

Open to relocation| Preferences- remote, hybrid, and on-site roles. REFERENCES- Available on request.

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