

ADEBANJI OLUWOLE

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A resourceful and self-motivated Food Research Scientist with expertise in food chemistry, product development, research, and sensory evaluation. Excellent analytical problem-solving skills to deliver within time frame and budget. Worked on many products as a versatile team player using collaboration and cross-functional teams to tackle complex tasks with efficiency. Effective communication with verbally and in writing. A food safety, branding, and marketing specialist who is customer service-oriented, organized and possesses strong time management skills. Willing to work a flexible schedule

SUMMARY OF QUALIFICATIONS

Over five years' experience in the formulation of products

5+ years of experience in adding value to the analytical and chemical industry

Solid background in food processing; safety and quality, new product development, and commercialization for innovation and adding value to foods

Prior practical experience of mass spectrometry and its theory

Proficient in experimental laboratory testing and bio-statistical data analysis

Proficient in chemical analysis on biopolymers and resins using FTIR, GCMS, HPLC, and Instron

Demonstrated ability to conduct chemical, physical, and microbial studies on food

Demonstrated ability in food processing, regulations, problem-solving, HACCP

Versatile in reporting chemical analysis and conducting literature reviews

Supervised biological and chemical technologists, lectured, and provided training for scientists

Versatile computer skills include- MS Office, internet and email, and bio-statistical packages.

EXPERIENCE

JANUARY, 2013 - TO DATE

RESEARCH AND TEACHING ASSISTANT

CAPE PENINSULA UNIVEERSITY OF TECHNOLOGY, CAPE TOWN, WESTERN CAPE, SOUTH AFRICA.

Coordinated and implemented academic procedures and processes

Conducted chemical analysis on biopolymers and resins using FTIR, GCMS, HPLC, and Instron

Conducted chemical analysis on stabilized nanoemulsions using FTIR, GCMS, HPLC, and Instron

Conducted rheological analysis on biopolymers, resins stabilized nanoemulsions

Instructed students on the use of FTIR, GCMS, HPLC, and mass spectrometer equipment

Taught full time and part-time students in academic and technical subjects

Provided guidance, advised, and supported students on academic procedures

Assigned work to student staff and trained on standard processes and operating procedures

Provide learning materials for students and set curricula for students'

Marked assignments, test, and examination scripts and also record students' marks

Mentored students and provided an atmosphere for academic publications

Instructed students on laboratory experiments and use of equipment for projects

Taught technical subjects in the design of experiments

JANUARY, 2013 - TO DATE

ASSISTANT CHIEF AGRICULTURAL RESEARCH OFFICER, AGRICULTURAL RESEARCH COUNCIL OF NIGERIA (ARCN), ABUJA, NIGERIA.

Gave public presentations and organized curriculum on food safety, and food chemistry for ARCN supermarket subsidiaries, colleges and Fisherfolk community groups.

Achieving business plan targets whilst maximizing profits at the desired margin.

- Developed baked, fish, meat, savory, and nutraceutical packaged foods for new product lines for ARCN supermarket shelves.
- Developed and implemented laboratory testing protocols.
- Provided expert product and service information.
- Planned and developed sales strategies for technical sales.
- Developed client relationships at a senior and technical level.
- Explained information about the quality, value, and style of products to Influence customer buying decisions.
- Recommended processing, packaging, preservation, storage, and distribution guidelines for food products such as 'Eja Osan', fresh Cape hake fillets, baked foods, and Kunun (local fermented yogurt).
- Developed and set standards for food safety and quality while injecting new product lines using HACCP procedures.
- Conducted trials to validate the chemical composition of natural and processed food products.
- Combined integrated marketing communications with Branding to ensure Brand Positioning and Long-Term Volume Growth of food products.
- Responsible for representing the company's brand and maintaining long-term relationships with exciting accounts in a competitive marketplace.

JANUARY, 2010 - TO DECEMBER, 2012

PRINCIPAL AGRICULTURAL RESEARCH OFFICER, AGRICULTURAL RESEARCH COUNCIL OF NIGERIA (ARCN), ABUJA, NIGERIA.

- Analyzed food products for post-harvest quality and safety
- Recommended processing, packaging, preservation, storage, and distribution guidelines for food products
- Contributed to the development of concepts, methodologies, guidelines, and indicators for sustainable fishery systems.
- Investigated, developed and set standards for food safety, and quality while injecting new product lines.

JANUARY, 2007 - TO DECEMBER, 2009

SENIOR AGRICULTURAL RESEARCH OFFICER, AGRICULTURAL RESEARCH COUNCIL OF NIGERIA (ARCN), ABUJA, NIGERIA.

- Analyzed food products for post-harvest quality and safety
- Recommended processing, packaging, preservation, storage, and distribution guidelines for food products
- Contributed to the development of concepts, methodologies, guidelines, and indicators for sustainable fishery systems.
- Investigated, developed and set standards for food safety, and quality while injecting new product lines.

JANUARY, 2004 - TO DECEMBER, 2006

SCIENTIFIC OFFICER 1, FEDERAL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT (FMARD), ABUJA, NIGERIA.

- Conducted trials to validate the chemical composition of natural and processed food products.
- Monitored and evaluated of National Agricultural Research Institutes
- Personal assistant to head of division (fisheries & food processing research) with the mandate of sustainable fisheries livelihood.
- Writing of technical reports and proposals for the department

NOVEMBER, 1994 – DECEMBER, 2003

SALES SUPERINTENDENT, TOTALFINAELF NIGERIA PLC. WESTERN REGION, NIGERIA.

- Facilitated monthly and quarterly physical inventory counts.
- Developed & Implemented quality brand plans for lubricants sales.
- Developed and deployed a new brand and for a line extension to increase market share.

Provided Product Communication services, which resulted in higher Turnover and Brand profit objectives this led to being the best productive worker in 2000/2001 and 2002/2003.

EDUCATION

APRIL, 2016-MARCH, 2021

DENG CHEMICAL ENGINEERING CAPE PENNISULA UNIVERSITY OF TECHNOLOGY, WESTERN CAPE, SOUTH AFRICA

My overall original contribution to knowledge from this work is to characterize the physicochemical, stability, and rheological properties of African catfish mucilage (ACM), a waste from African catfish to provide an effective suitable, eco-friendly alternative emulsifier that could serve as feedstock in food-grade, cosmetics, drug delivery, and personal care industry.

Thesis: Rheology and stability of Oil in Water emulsions stabilized with African catfish mucilages.

FEBRUARY, 2013-DECEMBER, 2014

MSC FOOD SCIENCE STELLENBOSCH UNIVERSITY, WESTERN CAPE, SOUTH AFRICA

The work comprises a research project and modules in Cereal, Meat and Dairy Science, Food Chemistry, Food Microbiology, Food Packaging, Product Development, Product Formulation, Sensory and Statistical Analysis.

Thesis: Modified Atmosphere Packaging of Cape hake fillets. Awarded a Cum laude graduate (Distinction), was ranked in the Top 15% of the class, and received a Golden Key International Award.

Completed professional development in Food Safety (HACCP).

West African Productivity Product Award Recipient (World Bank) for MSc degree.

NOVEMBER, 1999 –FEBRUARY, 2001

MBA MARKETING MANAGEMENT, LADOKE AKINTOLA UNIVERSITY OF TECHNOLOGY, OYO STATE, NIGERIA.

The work comprises a research project on 'the effect of motivation on sales force in Nigerian Bottling Company, Ibadan, Oyo State, Nigeria'.

The modules were Advanced Marketing, Business Policy, Consumer Behavior, Management Information System, Operations Management, Advertising, Financial Management, Accounting for Managers, Production, and Inventory Management, Organizational Theory and management

SEPTEMBER, 1986-DECEMBER, 1993

BSC (HONS) CHEMISTRY, UNIVERSITY OF LAGOS AKOKA, YABA, LAGOS STATE, NIGERIA

The work comprised of a mini-thesis on 'Copper (II) complexes of cyclo-hexanone semi-carbazone which showcased the possibility of coupling copper to the organic compound because copper was more soluble in the human body. The original compound was an Iron II complex of cyclo-hexanone semi-carbazone which was used in treating measles. The complex was formed however the project delineation did not take in clinical trials.

Completed coursework in Molecular Spectroscopy, Polymer Science & Rubber

Technology, French Applied Spectroscopy, Organic Reaction Mechanism Organic Synthetic Methods, Coordination Chemistry, Methods of Chemical analysis, Chemical Thermodynamics, Electrochemistry, Heterocyclic Chemistry, Statistic Methods in Biology, and Statistics of Regression and Correlation Analysis

ACTIVITIES

I received a Young Researcher Award at the Third Food Chemistry and Nutrition international conference Montreal, Canada May 16-18 2018. I am a member of South African Certified Natural Science Professionals (SACNASP), Chemical Society of Nigeria (CSN), and Fisheries Society of Nigeria (FSN) member, I am also an alumnus of Stellenbosch University, South Africa and I hold an award from the Golden Key International Honours Society, Stellenbosch branch.

REFERENCES

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