IBEABUCHI KINGSLEY IKEDINACHI

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PROFESSIONAL SUMMARY

Engineer with over 8 years with a track record of completing complex projects on schedule and on tight budgets. As a Mechanical Engineer and IT Manager, I have contributed to various organization's successes, having produced accurate and feasible illustrations for the projects assigned to me. Skilled in CAD software such as proficiency in AutoCAD 2D and 3D modeling, Athena, and Solidwork. Excellent Communicator, Team Player with interpersonal skills and presents ideas to assist others in latest developments. Possesses hands-on skills in industrial automation and process control. Willing to work in an environment that fosters growth, development, innovation and creativity in its employees and also bringing to fore my competence to the service of all in order to achieve organization’s set targets.

KEY SKILLS

- Computer Aided Design (CAD)
- Good organizational and planning skill
- Mechanical Engineeering
- Technical Drawing
- CAD / CAM and Aspen HYSYS
- MATLAB
- Strategic management
- Problem-solving skills
- AutoCAD Architecture
- Customer relationship management

EDUCATION

University of Port Harcourt -- B.Eng. in Mechanical Engineering **2014**
Okporomini Community Secondary School, Ahoada East, Rivers -- WAEC **2003**
Akoli Primary School, Abia State -- First School Leaving Certificate **1997**

PROFESSIONAL MEMBERSHIP & CERTIFICATION

Certified Associate In Business Consultancy
Association of Mechanical Student

EMPLOYMENT HISTORY

Mechanical Engineer/AutoCAD Designer | You Services Nigeria **2019 - Present**

- Developed sketches into 3D model using Solidworks
- Carried out mechanical systems designs and product designs, processed plants designs and piping designs using SolidWork Autodesk Inventor, and AutoCAD Plant 3D respectively.
- Created angle, schematic and orthographic views of mechanical design components, consumer products and processing plants.
- Prepared 2D drawings from developed solidworks part and AutoCad 2D with full dimensional details enough for a pattern maker to craft out a pattern for making mould for casting.
- Designed and drafted equipments such as PID and Mechanical/Electrical related diagram using AutoCAD.

IT Engineer/AutoCAD Designer| Gralex Concept Nigeria **2017 - 2019**

- Designed gating system to be used in casting process.
- Liased with supervisors of other departments in achieving desired goals.
- Carried out stress analysis of a designed component in a mechanical system be it static or dynamic.

- Optimized designs to meet constraints such as costs, size and weight without compromising the functionality of the design.
- Consulted with clients concerning project scope and milestone dates.
- Designed and drafted equipments such as PID and Mechanical/Electrical related diagram using AutoCAD.

Graduate Engineer| Kingswill Integrated Services **2014 - 2017**

- Made use of AutoCAD, ArchiCAd, Matlab and Sketchup designs for various projects.
- Modified and printed drawings in CAD softwares
- Reviewed specifications to generate complex details of individual system components.

Intern Engineer | Sharon Rose Engineering Coy Limited **2012 - 2014**

- Made use of AutoCAD, ArchiCAd, Matlab and Sketchup designs for various projects.
- Modified and printed drawings in CAD softwares
- Reviewed specifications to generate complex details of individual system components.

OTHER ACHIEVEMENTS

- Communicated with clients on existing projects which reduced the tendency of errors by 20%
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- Created and analyzed mechanical design concept for clients using imagination skills which increased efficiency in terms of decision making by 15%
- Worked with fabricators and technical personnel on project to ensure design is adhered to and updated on the feasibility of a feature on a design which increases efficiency by 20%.

HOBBIES

- Reading
- Travelling
- Research Studies