

# RESUME

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**Name:** BIKASH KUMAR JENA

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## CAREER OBJECTIVE:

Seeking a challenging and rewarding in engineering in Engine maintenance, production, manufacturing or design with an organization of repute which recognizes and utilizes my true potential while nurturing my technical skills.

## PROFESSIONAL CAREER:

**Total experience (2 years and 4 months)**

**Presently not working and open for immediate joining.**

Lately Worked at **SURYA PELLE CHEMICAL AND MOULD PVT. LTD**, Chennai as **Associate Engineer- Business Development** (Nov 2016 to Oct 2017). (12 months).

Previously worked at **AKUVA INFOTECH PVT. LTD**, Bangalore as **CAD Design Engineer-Business Development** (Jul 2015 to Present (1 year(s) - 4 month(s))).

Specialized in 3D scanning, Benchmarking of product, Reverse Engineering, 3D printing, CAD trainer, Boiler and Retort Operator with this have a additional responsibility of Business Development.

## CAREER SUMMARY:

### ○ 3D scanning & Inspection projects:

1. 3D scanning of Audi Q7 muffler parts (**Faurecia Emissions Control Technologies, Bangalore**) for Reverse Engg. using Steinbichler COMET L3D Scanner 5M.
2. 3D scanning of Huawei P9 assembly and parts (**WIPRO, Bangalore**) for Reverse Engg. using Steinbichler COMET L3D Scanner 5M.
3. 3D scanning & Inspection of CAM parts (**Rane TRW, Chennai**) using Steinbichler COMET L3D 5M Scanner.
4. 3D scanning & Inspection of Tractor assembly (**Mahindra, Chennai**) for Inspection using Steinbichler COMET L3D Scanner 5M.
5. 3D Scanning of New Generation Tractor Seat (**Harita Seatings, Hosur**) using Artec Eva Portable Scanner.
6. 3D Scanning of Aero plane Doors (**Air Works International, Chennai**) using COMET L3D Scanner 5M.
7. 3D Scanning of Rider and Pillion seats (**Harita Fehrer, Hosur**) using COMET L3D Scanner 5M.

8. 3D Scanning of Shoe Moulds and Sole (**Sara Leather, Ranipet**) using COMET L3D Scanner 2M.

○ **Benchmarking of product projects:**

1. Bench-marking of Sony Camera Assembly and parts(**WIPRO, Bangalore**) using Geomagic DesignX checking interference using Solid Works and Creo 2.0 Parametric Software for Drop Test Analysis working as a Junior Design Engineer in the project of 4 members.
2. Bench-marking of Volkswagen Car Assembly and Parts (**WIPRO, Bangalore**) using Geomagic DesignX checking interference using Solid Works for Crash Analysis and Non-Destructive Testing (NDT) working as a Junior Design Engineer in the Project of 10 members.

○ **Reverse Engineering projects:**

1. Reverse Engineering of Pilot Helmet (**ADE, Bangalore**) using Geomagic DesignX considering all parametric design tools.
2. Reverse Engineering of Blade used in Aeronautics (**Shabari Polymers, Bangalore**) using Geomagic DesignX considering all parametric and surface design tools.
3. Reverse Engineering of Primary and Secondary Gear used in two wheeler vehicles using Geomagic DesignX considering all parametric design tools working as a Design Engineer for Quality Assurance for the project.
4. Reverse Engineering of Automotive Components (**Shandar Automotives, Bangalore**) using Geomagic DesignX considering all parametric design tools working as a Design Engineer for Quality Assurance for the project.
5. Reverse Engineering of Panel Boards (**Kalkitech, Bangalore**) using GeomagicDesignX considering all parametric design tools working as a Design Engineer for Quality Assurance for the project.

○ **Inspection projects:**

1. Inspection of Gear to find GD &T dimensions for Holes and Teeth (**HCL, Hyderabad**) using Inspection Plus.
2. Inspection of 43m Wind Blade (**Regen Tech, Bangalore**) using Geomagic and Inspect Plus.
3. Inspection of Turbine Parts (**Suzlon Energy Limied, Delhi**) using GD & T dimensions (Cylindricity, concentricity etc.).

○ **3D printing projects:**

1. Have knowledge of **3D printers**, technologies, materials and process
2. Have a working experience on **FDM** based printer and **Simplify 3D** software.

○ **CAD Trainer:**

1. Authorized Trainer for Creo 2.0 Parametric certified by PTC University.

**EDUCATIONAL QUALIFICATIONS:**

1. **2015 - Bachelor of Technology in MECHANICAL ENGGINEERING** from **Gandhi Institute for Technology, Bhubaneswar** affiliated to **BPUT** under **AICTE** with **74%**.

2. **2011 - AISSCE** with 57.6% marks from **Deepika E.M. School, Rourkela**.

3. **2009 - AISSE** with 80.8% marks from **Deepika E.M. School, Rourkela**.

#### PROJECT UNDERTAKEN AS A PART OF ACADEMIC CURRICULUM:

**Project: “BIO-GAS PLANT FROM KITCHEN WASTE” undertaken in year 2014 for final year.**

##### Review:

- The proper disposal of Gandhi Institute for Technology, Bhubaneswar Hostel kitchen waste will be done in eco friendly and cost effective way.
- The dumping of food in places and making the places unhygienic can be taken good care of. Using the natural processes like microorganism's kitchen waste & biodegradable waste cooking gas can be generated and utilized.

#### SEMINAR PRESENTED:

- **“STEAM POWERED ROBOTS”** presented at GIFT, BBSR on dated **05.09.2014**.
- **“NANO-ROBOTICS”** presented on **ENGINEER'S DAY 2012** at GIFT, BBSR on dated **15.09.2012**.

#### TECHNICAL SKILLS:

**Languages:** Programming in C/C++, JavaScript, HTML, and HTML 5 from ASPIRE INFO LABS, HYDERABAD in year 2014.

**Databases:** SQL, DBMS from ASPIRE INFO LABS, HYDERABAD in year 2014.

**Operating Systems:** WINDOWS 7/8/8.1/10, Android from BIZ SYSTEMS in year 2013.

**Designing tools:** Geomagic DesignX, Geomagic Verifier, Geomagic Studio, CREO 2.0, Solidworks, COMET PLUS, COLIN 3D, INPECT PLUS, AUTOCAD.

#### ACHIEVEMENTS:

1. Published a journal of my project on **“Bio-Gas Plant from Kitchen Waste”** on AICTE web portal in year “2014”.
2. Obtained Second position in **Arduino robotics** from Eastern India robo challenge (ERIC), **VSSUT BURLA** in year “2012”.

#### EXTRACURRICULAR ACTIVITIES:

1. Lead the college many cultural events and annual function –**“LELLIHAAN”** in year 2014
2. Lead the college tech-fest – **“FESTRONICS 2K13”** in year 2013.
3. Donated blood to **Red Cross society, Khordha** held in our college in year 2013.

#### PERSONAL DETAILS:

**Date of Birth:** 09.07.1993

**Father's Name:** Bijay Kumar Jena

**Sex:** Male

**Nationality:** India

**STRENGTH:**

I always work as a team player in a team. I trust on every team member's work potential and effort.

**LANGUAGES KNOWN:**

English, Hindi, Oriya and Kannada

**HOBBIES:**

I usually play cricket and play video games. I also read different journals on robotics and applications which is my keen interest.

**DECLARATION**

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

BIKASH KUMAR JENA