



JHON CAISAR ALPUERTO

MECHANICAL ENGINEER

PROFILE

Mechanical Engineer with a 11 years of diverse experience in the field. Specialist in 3D Printing, Proficient in operating various technologies (DMLS, LPBF, SLS, MJF, SLA, DLP, FDM) and skilled in metal and plastic resin materials. Design and CAD Expert, Proficient in Autodesk Inventor, Solidworks, Gemagic Design X, AutoCad, Materialise Magics, and 3Shape Cambridge. Project Management Leader, Strong background in overseeing comprehensive production, cost estimation, and budget preparation. Manufacturing Processes, Knowledgeable in machining, metal sheet fabrication, and maintenance of different machines. Quality Control Authority, Experienced in quality inspection, testing, and diverse product tests, adhering to ISO standards. Innovative Problem Solver, Expert in root cause analysis and continuous improvement methodologies.

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📍 Al Barsha 1 Dubai, UAE

EDUCATION AND LICENSURE

2008 - 2013

**BULACAN STATE UNIVERSITY,
PHILIPPINES**

- Bachelor of Science in Mechanical Engineering

2013

**PROFESSIONAL REGULATION
COMMISSION, PHILIPPINES**

- Mechanical Engineering Board Examination

2017

UAE DRIVING LICENSE

- Manual Transmission

SKILLS

- 3d Printing Expertise
- Design and CAD software
- Project Management
- Manufacturing Processes
- Quality Control and Inspection
- ISO standard and Certification
- Engineering and Maintenance
- Collaboration and Leadership

LANGUAGES

- English
- Tagalog

WORK EXPERIENCE

Immensa Technology Labs

AUG 2022 -PRESENT

Sr. Production Engineer

- Lead comprehensive production oversight, project management, and machine maintenance.
- Expert in cost estimation, budget preparation, and quality control.
- Spearhead continuous improvement initiatives to optimize efficiency and reduce waste.

Falcon Technologies International LLC

SEPT 2020 - AUG 2022

Sr. Application Engineer

- Led Design for Additive Manufacturing (DFAM) initiatives, optimizing designs for production.
- Managed R&D workflow and contributed to the development of SOPs and electronic work instructions.
- Collaborated with cross-functional teams to ensure successful project delivery and customer satisfaction.

Sinterex 3D Metal Printing

DEC 2016 - SEPT 2020

Sr. Production Engineer

- Proficient in operating and maintaining 3D printers for metal and plastic resin materials.
- Skilled in CAD software and experienced in troubleshooting to ensure consistent quality output.
- Implemented best practices for machine operation and material handling, enhancing overall efficiency.

Ramcar Technology Inc.

JAN 2015 - SEPT 2016

Mechanical Design Engineer

- Managed project requirements, created detailed assembly drawings, and oversaw fabrication processes.
- Ensured compliance with regulatory standards and customer specifications.
- Played a key role in successful project validation and certification processes.

Tiger Machinery and Industrial Corp.

MAY 2013 - DEC 2014

Quality Control Engineer

- Developed and implemented quality standards across industrial processes and products.
- Conducted comprehensive product tests and inspections to maintain high-quality standards.
- Utilized statistical methods and data analysis to drive process improvements and enhance product reliability.