# **KUTTIYAR MADHAVA RAO**

20-8-2, Kotayya Reddy street, mobile: +919618585674 Cinema Road, Kakinada, A.P, 533001 madhavkuttiyar@gmail.com Passport No: L7277456

**PROFESSIONAL SUMMARY**

Results - oriented professional with 2 years of experience as a Mechanical Design Engineer, Proven ability and effectiveness in Mechanical Engineering field, Excellent communication skills, problem solving and leadership qualities.

**EDUCATION**

**B-Tech: Mechanical Engineering**(May 2013) Regency Institute of Technology, Pondicherry University, Yanam, Distinction and Gold Medal with 8.73 CGPA

**Intermediate: M.P.C** (May 2009) Sri Chaitanya Junior College, Intermediate Board of Education, Kakinada, A.P First Class with 90%

**SSC:** (May 2007) T.N.R Talent School, Board of secondary Education, Visakhapatnam, A.P First Class with 90%

**EXPERIENCE**

**Project Lead**–December 2014 to till date.

CT&T Cad Technologies-Yanam, India

* Use computer-aided design (CAD) to design concepts.
* Prepare engineering drawings.
* Prepare cost and materials estimates or project schedules.
* Working on New Product Design

**Mechanical Design Engineer** –June 2013 to November 2014.

AchantaAceEngineer India Pvt Limited-Kakinada, A.P

* Use computer-aided design (CAD) to design concepts.
* Conduct research and create design proposals for projects
* Produce final hand drawings and specifications.
* Working on Real time engineering calculations for offshore industry

**TECHNICAL SKILLS**

CAD Packages **-**  Solid works, CATIA, Pro-e, AutoCAD

CAM Packages - Master Cam, Cimco Edit

Others - CNC programming

COMPUTER SKILLS:

Microsoft Programs - Word, Excel, PowerPoint**,** Visio, Projects

Operating Systems - Windows XP, Windows 7 &Windows 8

Others - HTML, Photoshop

**PROJECTS COVERED**

Gyrocopter:(Duration-6months) Modeling of 3D components and finally assembled the model and produced detailed drawings to the Client

Drilling riser components: (Duration-10months) Designing of drilling riser components for offshore industry and finally assembled the model and produced detailed drawings to the Client

Suction Pile**:** (Duration-6months) worked on real time engineering calculations, calculated the bearing capacity, Ultimate load, FOS and prepared an application using HTML coding

### **NEW PRODUCT DESIGN**

Building cost calculator Mobile portable charger (Hand press) Work out chair

**ACADEMIC PROJECT**

Title : Design and analysis of semi-automatic self-adjustable container for truck Duration : 4 Months Description : The main objective behind this project is to minimize the food loss, minimize, Air pollution and to avoid accidents causing due to over loading

**ACHIEVEMENTS**

Gold medal and Rotating shield for being College topper (2009-13)

**PERSONAL TRAITS**

Comprehensive problem solving abilities

Self Confidence and Self motivated

Willingness to cooperate with others in a team.

SIGNATURE

KUTTIYAR MADHAVA RAO