ANAND SARWADE

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Websites, Portfolios, Profiles

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Professional summary

Solutions-oriented Mechanical Design Engineer with **8** years career experience providing cost effective solutions and resolutions. Highly adept in technical writing and drawing with extensive project management capabilities. Possesses exemplary communication and analytical skills. As well the computer aided software knowledge with some certifications also , likes **Solidwork,Autocad, Creo, Catia V5, Pro e, PLM ,C,C++, NX developer & Sap & ERP . etc.,**

**Resourcefully, Project lead with 4 years of expertise in organizing business operations, financial oversight and resource management to achieve smooth flow and project operations.**

Work history

PROJECT LEADER , 01/2022 - Current
Green Tweed Corp Taiwan , Hsinchu , Taiwan

- Observed progress of each project, examined risks and coordinated contingency plans.
- Managed team meetings and discussed project's goals and objectives.
- Defined responsibilities, duties and roles of each team member.
- Aligned with staff members to develop, identify and achieve assigned goals and initiatives.
- Provided ongoing cost and estimate analysis reporting and managed cost allocation.
- Collaborated with team members to develop, identify and accomplish assigned goals and objectives.
- Planned, executed, and controlled assigned projects, ensuring work performed complied with contractual requirements.
- Using cad & solidworks plans layout & designing to establishment USA base clients requirements .
- traveling to customers sight visit for execution of project , cost na requiments delaing .
- cordianation of team .
- Basically our project is related MFG plants of semiconductor industries with AI Six axis robotics with machining .
- EngGripper requirement of the product designing to asseble for the robot as per the customers .

PROJECT LEAD, 11/2020 - 01/2022
Wistron Corp Taiwan, Taipei , Taiwan

- Key Responsibility :-
- Prototyping new products

- Interacting with teammates
- Preparing project reports
- Formulating a project's objectives and scope
- Motivating and inspiring team members
- Coordinating the use of human resources
- Determining the allocation of project resources
- Providing emotional support to participants in the project
- Establishing a project's lifecycle
- Ensuring that the team is managed effectively
- Handling the Project related the Mobile
- Mafg & semiconductor MLB
- robotics designing , MLB designing
- software tools solidworks , CAD , Catiav5
- Working on the Automation designingand PLC controller
- LBU specification for the project assign
- Software tool Solid works & Python forthe programming of the machine set up
- Traveling to India on site working for themachine & line set up working from firstto EPM
- Although handling management teamproject such as digital transformation &
- RPA set up for the diffrent departments projects such as HR , SCM, Quality , UPH production line leading analysis .
- UI Path & Scrum Agile experience forusers story righting
- Translation Documentation & customerstroubleshooting things related themachine and setup of the line .
- Robotics programming and bugging on the line for UPH running testing .
- Partnered with project team members to identify and quickly address problems.
- Met with manager weekly to provide detailed project report and milestone updates.
- Produced quality standards, checklists, report templates, and processes.
- Planned, executed, and controlled assigned projects, ensuring work performed complied with contractual requirements.

PM, 12/2019 - 11/2020
Posantek. Pvt Ltd, Hsinchu , Taiwan

- **Key Responsibility**
- Projects design of machine related works- cost reduction and talk withcustomer
- Controller base Pcb Design & as per themachine
- Good communication skill
- Have experience to handle thecustomers need and basics totone answer
- Mechanical & semiconductors machine
- Design &R&D with all base of the project- Recent projects has beencompleted is End Gripper&simulations with arm robotics
- Capability to write programmingas C,C++,& Python
- Controller base Pcb Design & as per themachine

- Good communication skill
- Have experience to handle thecustomers need and basics totone answer
- Machine design and mechanismdesign- handling projects from the Usa

R&DENGINEER, 03/2017 - 11/2019
Femco, Far East Machinery, Chaiyi , Taiwan

- Key Responsibilities: -studying a design briefthinking of possible design solutionsresearching whether the design will work and be cost-effectiveassessing the usability, environmental impact andsafety of a designusing computer-aided design (CAD) and computer-assisted engineering (CAE) software to createprototypes
- Lathe, milling machine assembly design with 3d 2dmodule
- Working on new project mostly related to Taiwan, Chinacompany
- Based on customer new innovative machine design
- For drawing software I'm using here Solid-work, Inventor,catiaV5,
- Simulation Ansys, Robodk.,collecting and analyzing data from tests on prototypesmodifying designs and retesting themwriting regular progress reports and presenting them toproject managers and clients-effective communication toliaise with team members, clients, contractors and othersinvolved in the design processleadership and negotiation skillswritten communication and the ability to write reportstime management, organization, and the ability towork to deadlinesa flexible approach to work and the ability to adapt tochangea driven, self-motivated attitude and the ability .
- Sheet metal, molding, machining,die casting, etc
- Experience in GD&T, statistical tolerance analysisand DPM prediction
- Theoretical knowledge of mechanical design ormaterial engineering
- Be proactive, take accountability and result-oriented
- Good at communication and team leader @ team work
- Fluent oral & written English, German, Chinese
- Interacted with vendors, contractors and professional services personnel to receive orders, direct activities, and communicate instructions.
- Tracked important information in [Software] spreadsheets and ran reports or generated graphs using data.

INTERNSHIP TRAINER, 01/2014 - 04/2016
Femco , Chaiyi , Taiwan

- Intership Programing co work with Femco
- I am working in machine designing and also the companymanufacturing product is cnc machine like as lathe, milling andboring so the work as part designing (2D to 3D) as per reversealso, assembly, NC Machining this kind designing work by usingthe knowledge following software like as Solid work, Croe,
- AutoCAD, Inventor, Catia V5
- My file working and responsibilities-Aided in design of Vertical Milling Machine, Gantry Milling
- Machine Customized design of fixtures for mass production ofcar-rim and motor's shaft
- Customized design of robotic arm for automatic production lineof car-rim Modified the structure of milling machine, from boxways to linear guide ways
- Development of new transmission systems of Horizontal Milling

- Machine.
- Interpreted blueprints and technical drawings to analyze upcoming projects.
- Wrote error-free project support documentation.
- Assisted with engineering calculations, design drawings, preliminary cost estimates and field visits to observe construction progress.
- Created engineering documentation, consisting of **[PRO]** processes and **[SMT]** information, for use in future projects.
- Gathered and organized documents, drawings and specification packages.
- Studied manufacturing processes to improve overall knowledge.
- Conducted cost-effective experiments with prototypes, documented results and delivered presentation to peers and professor.

Skills

- **advanced 3D CAD feature that reduced**
- **solidworks , Autocad , Proe , Catia v6**
- **Machine design , assembly design**
- **Ansys / Simulation .**
- **sheet metal .**
- **PCB /PLC design**
- **Gear creation Key creator**
- **product design**
- **project management to execution**
- **leadership**
- **Pressur handling .**
- **Communications skills**
- ***3D /2D Designing software-:***
- **Auto-**
- **Cad,**
- **Pro-e**
- **(certifie)**
- **Solid-works (dsa)**
- **Certificate Inventor**
- **Creo 3.0**
- **(certified) Catia**
- **V5, (certified) NX**
- **UG-**

- ***Programing software skills***
- **NC (programming**
- **CAD/CAM), Siemens Nx (PLM)**
- **C, (certified)**
- **C++**
- **(certified)**
- **Python**
- **(Certified)**
- **Visual**
- **Basic.NET**
- **Matlab**
- **Like to learn new software Skills.**
- **Robodk (simulation for 6axis robot)**
- **RPA**

Computer software
- **MS office**
- **Adobe**
- **Excel spreas sheet**
- **Scrum**
- **AGILE**

Education

Mechanical Engineering : Mechantronics & Robotics
Wufeng University Taiwan - Taiwan , 12/2016

- Received **[Taiwan Government Scholarships]**
- Elected Captain of **[baseball championship]**
- **mostly I was computer aided designing and Programing filed**
- **Degree percentage is - 79.87 %**
- Continuing education in AI & robotics programming & designing grippers such as Kuka, fanuc, kobot.
- Completed professional development in leadership activity in school although participate in bilangual championships

Languages

Chinese (Mandarin):

Intermediate (B1)
Chinese Hwayu certification Taiwan

German:

Elementary (A2)
I m practicing German by my own so never go to
any exam for this language ability but I can
speak and listening skill is good

Hindi:
Native Language

English:
Native Language
Toeic certification

Japanese:

Intermediate (B1)
N1

Marathi:
Native Language

Certifications

- **Software designing certification**
- Soliwork
- creo3.0
- Catia V5
- Pro E

Robotics programming :-
Kuka
fanuc
Epson
python