

Communication Address

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Personal Information

Nationality: Indian / Gender: Male / Age: 39 years

OBJECTIVE

Seeking for a responsible and challenging position in a growth-oriented organization where I can utilize my practical and analytical skills while acquiring new abilities.

WORK EXPERIENCE SUMMARY

I have around 12 years of professional work experience in product design & development, production & planning, manufacturing, maintenance, packaging, quality control, automation, industrial robots, automotive and medical devices.

Technical and Managerial Skills

Mechanical Design Engineering, Design Innovation, 3D and 2D Modelling, 3d printer access and handling, Industrial Engineering, New Product Development (NPD), Prototyping ,Tool Design, Automation and, Injection Moulding , Plastic Product Design ,Graphics Design, Architect, Interior Design.

R&D Engineer, New Ideas, Innovation, Led lighting design, Logo Design, Product Branding, sheet metal design, Packaging design development, Fibre-reinforced plastic (FRP) Prototyping ,laser cutting designs, Electrical & Electronics, Hardware Prototyping.

Lab Technical, Product Testing, Material Handling Equipments, Implementing Cost Innovation plan,
Soldering operation on SMT/SMD components, Improving Quality of PCB Assembly Through Solder ability Testing ,and technical testing, Assembly process.

Production & Q .C Manager, Plant In charge , Works Manager, Manufacturing Quality & Process, Production Planning Control, Product Process & Manufacturing Operations design, production tooling , Raw Material.

Daily Production Planning & Monitoring ,supervisors of each production department Clean & smooth production development, Manpower handling, Ensuring Production as per plan.

Quality Control Processes, Service Engineer, Packaging Development & Production, Store Manager, product storage Monitoring & Despatches, Discrepancies in stock replenishment at the Store.

Process Enhancement & Cost Control, Equipment Validation, System Process knowledge, Generate Bill of Material list (BOM) Excel-Based.

Quality Improvement & Management , Vendor Development Management, purchase Vendor Sourcing & Capacity Planning , Procurement Planning and Media management , Inventory Management, Search for right component from the market as per customer requirement with help of purchase team.

Software Skills

Operating System

Microsoft Windows , Linux ubuntu

Software Tools

AutoCAD, Solid works, Google Sketch up, Corel Draw, Photoshop, 3ds max, Pro e, Hyper shot and Microsoft Office (Excel, word, power point etc).

WORK EXPERIENCE DETAILS

Product designer & developer

ATOMBERG Technologies Pvt. Ltd.,

Mahape ,Navi Mumbai, India, November 2016

Responsibilities: Supervised the design and development of products - life style products , Develop a Cost Effective Product Supply Vendor Base, Develop a good Quality Tooling Vendor Base , Fibre-reinforced plastic (FRP) Prototyping, Led lighting design, Team building and project planning, Plastic Product Design, Product requirement analysis, led light design, design development and Testing, PCB component placement, SMT/SMD components Improving Quality of PCB Assembly Through Solder ability Testing , Prototyping , bill of materials ,quality control tests process, Packaging design development and technical testing , Clean & smooth production development, Production Planning Process, Supervised the Production and product storage , laser cutting designs, procurement, Product Process & Manufacturing Operations design .

Domain: Product Design & Development, life style product, electric power saver 60% -70%, Modular Fans, air flow testing , 3d printer access and handling , smart home products, interior design, home automation products

Team Size: 15

Clients: Tata memorial Hospital, IIT Bombay

Software Environment: AutoCAD, Solid works, CorelDraw, Google Sketch up, Photoshop, creatbot

Operating Systems: Windows 2007-2010, Linux ubuntu

Testing Tools: Electrical and Electronic equipment

Product designer & developer, Production & Q.C Manager

Solarizer Products Pvt. Ltd (Subsidiary of kWatt Solution Pvt. Ltd.)

IIT Bombay(Powai),Mumbai, India, October 2015 - October2016

Responsibilities: Supervised the design and development of solar products - Battery solarizer, solar garbage cans , study lamp, Portable lamp, solar torch, solar flashlight, Home lighting system, Solar Mobile Charging Station two types, solar bicycle, solar fountain, solar whirlpool, solar mini light, solar street light, Led lighting design, customized pv solution, life style products , solar installation design, garden solar lights , Cost effective Solar Panel, Team building and project planning, Product requirement analysis, led light design, design development and Testing, PCB component placement, Soldering operation on SMT/SMD components Improving Quality of PCB Assembly Through Solder ability Testing , Prototyping , quality control tests process, Packaging design development and technical testing , Clean & smooth production development, Production Planning Process, Plastic Product Design , bill of materials ,Supervised the Production and product storage, procurement, laser cutting designs, Product Process & Manufacturing Operations design

Domain: solar energy , solar PV system , solar power station, solar panels, solar farms , led light , rooftops, solar lighting system , Product Design & Development, life style product

Team Size: 8

Clients: Soul, K.D Enterprises, IIT Bombay- Civil Department, Baif, ITRIS-Pune, Keval Infocom , SSBT- Jalgaon, Techfest - IIT Bombay, Swiss- Pune

Software Environment: AutoCAD, Solid works, CorelDraw, Google Sketch up, Photoshop.

Operating Systems: Windows 2007-2010, Linux ubuntu

Testing Tools: Electrical and Electronic equipment.

Responsibilities: Supervised the design and development of Portable Car Refrigerator, Electromagnetic Switch, New Concepts for Cooling Device Applications in Car, Cost effective Solar Panel, Led lighting design, Team building and project planning, Product requirement analysis, design development and Testing, PCB component placement, Soldering operation on SMT/SMD components Improving Quality of PCB Assembly Through Solder ability Testing , Prototyping , quality control tests process, Packaging design development and technical testing , Plastic Product Design, bill of materials, Clean & smooth production development, Production Planning Process, Supervised the Production and product storage, laser cutting designs, procurement, Product Process & Manufacturing Operations design .

Domain: Internet of Things (IOT), Product Design & Development, On-board Diagnostics (OBD-II) - Automotive, Vehicle Telemetry, Home Automation

Team Size: 9

Clients: Tech Mahindra, Robot Bosch, Addwatt Solar

Software Environment: AutoCAD, Solid works, CorelDraw, Google Sketch up, Photoshop

Operating Systems: Windows 2007, Linux ubuntu

Testing Tools: Electrical and Electronic equipment

Technical Associate & Technical Lead, Production & Q.C Manager, Hardware Product Developer
Dhama Innovations Pvt. Ltd., Hyderabad, India, January 2010 - April 2014

Responsibilities: Supervised the design and development of car cooling seat , medical devices pain relief system and accessories coasters based on USB heating and cooling technology, Wearable heating and cooling jackets, shoes and other wearable sports , Team building and project planning, Plastic Product Design ,Product testing, PCB component placement, Soldering operation on SMT/SMD components, Product prototyping, Feature implementation, Product requirement analysis & design, Packaging development and technical work, Clean & smooth production development, Production Planning Process, Supervised the Production and product storage, bill of materials ,Developing production processes and equipments, Production control, quality control tests process, Equipment maintenance and interior design, procurement, Product Process & Manufacturing Operations

Domain: Pentium Technology, Carbon Reducing Technology, ClimaCon Technologies, Wearable Technologies

Team Size: 15

Clients: General Motors, Woodland, Johnson & Johnson, Carpe diem, TATA Advanced systems, Easi an aerotek company, Dell, Kolkata Knight Riders, HCL, IBM, Covidien, Ashok Leyland, Ernst & Young, Barista, Wilson, Bank of Baroda, Ajani Cement, AMD, Madura F&L, NID, Technology Development Board - Government of India, Myntra, Red FM, Aiplex , The copper river, Innopharma , Life Cell International, Quest, Folded Cortex Technologies, Vision Bank

Software Environment: AutoCAD, Solid works, Google Sketch up, CorelDraw, Photoshop, Microsoft Office

Operating Systems: Windows 2007, Linux ubuntu

Testing Tools: Electrical and Electronic equipment

(Freelance Professionals)Technical Service Provider
Notion Ink, Bvrit Innovation Canter, Hyderabad, India, 2010

Responsibilities: Involved in the design and development of 1st generation prototype of Adam Tablet

Domain: Tablets and PC hardware

Team Size: 12

Freelance Professionals (Technical Associate)
NDBI, National Institute of Design, Ahmadabad, India, 2009

Responsibilities: Involved in the ideation, conceptualization, bill of materials, design and development of functional design prototypes for incubated start-up companies and graduate student projects

Domain: Design driven Innovation

Design Intern

Robots Alive, NDBI, National Institute of Design , Ahmadabad, India, July 2009 - January 2010

Responsibilities: Served as a designer for developing new gripping mechanisms and robot arms to be used in the small and medium enterprises, Product Process & Manufacturing Operations

Domain: Robotics and Control

Freelance Professionals (Technical Service Provider)

ADA Robotics, Kolkata, India, October 2007 - January 2009

Responsibilities: Served as an technical assistant to the head of R&D for the robot prototype developments, bill of materials ,Involved in the development of industrial grade robot control connectors

Domain: Robotics and Control

Freelance Professionals (Product Innovator)

Bokaro Kala Academy, Bokaro Steel City, India, April 2003 - September 2007

Responsibilities: Lead the development of new innovative designs and techniques in the classical and modern Indian musical instruments, Trained the fresher students in music, Events management - planning and organizations.

Domain: Musical Instruments Design

PROFESSIONAL TRAINING | CERTIFICATIONS | EDUCATION

Diploma in Mechanical Design Engineering ,2010

Grade / Marks: A

Institute / Organization: CADD Centre, Ahmadabad, India

International Organization for Standardization Training in ISO 13485: 2003, ISO 14971:2007, 2010

Grade / Marks: N/A

Institute / Organization: Quality and Management Systems Institute, Hyderabad, India

Workshop Training in Prototype development, 2009

Grade / Marks: N/A

Institute / Organization: Indian Institute of Technology - Gandhinagar, India

Professional Diploma in Refrigeration and Air conditioning, 2001-2005

Grade / Marks: A

Institute / Organization: RIT, Bokaro Steel City, India

Senior Secondary School Education, 2000

Grade / Marks: 70.5%

Institute / Organization: National Open School, New Delhi, India

Secondary School Education, 1998

Grade / Marks: 76.5%

Institute / Organization: National Open School, New Delhi, India

Diploma in Classical Music and Arts, 2000 - 2006

Grade / Marks: A

Institute / Organization: Bangiya Sangeet Parishad, Khairagarh, India

ACHIEVEMENTS

Recognition in 7th National Biennial Competition - National Innovation Foundation (NIF) 2010 - 04 “New Design of Turbines “and Measuring tools

First prize in 44th, 45th, 46th, 47th All India Music Contest, Prayag Sangeet Samiti - 2001, 2002, 2003, 2004