

## CURRICULUM VITAE

### **PATHAN TANZIMKHAN**

Mechanical Engineer

India, Parbhani

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### **CAREER OBJECTIVE**

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Aspire to work in a competent atmosphere that enables me to widen the spectrum of my knowledge and enhance my abilities to achieve organization's goals by my effective contribution.

### **SUMMARY OF EXPERIENCE**

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- Currently working as a **Junior Engineer (Mechanical)** with more than one year's experience in Research and development (R & D) of Smart Portable Machinery (SPM), arm based automated vehicles with teaching, training and research & review activities.
- **Mechanical Engineer** with overall **4+ Years** of experience in Automobile Industries and government sector.
- Result oriented, performance driven and self-motivated Mechanical Engineer with strong technical background, possesses self-discipline.
- Having a proven ability to carry out the **Mechanical works**.
- Dynamic team player who is consistently motivated towards success and completion of projects with an ability to work independently.
- A quick learner who can swiftly adapt to new challenges.
- Working with specialists' equipment such as **Programmable Logic Controllers (PLC)**, which controls machinery on factory assembly lines.

### **EDUCATIONAL QUALIFICATION**

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<b>Examination</b>	<b>Discipline / Specialization</b>	<b>School/ College</b>	<b>Board/ University</b>	<b>Year of passing</b>	<b>Result</b>
<b>B.E</b>	Mechanical Engineering	MGM'S JNEC, Aurangabad	Dr. Bamu, Aurangabad	2015	64.60%
<b>H.S.C</b>	Science	Bal Vidhya Mandir Jr. College, Parbhani	Divisional Board, Aurangabad	2010	76.61%
<b>S.S.C</b>	-	Bal Vidhya Mandir, Parbhani	Divisional Board, Aurangabad	2008	76.83%

## **CERTIFICATION AND TRAINING**

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### **Ankai Auto (Synonyms for quality), Aurangabad, India (Six Months)**

From November 2013 to March 2014

## **AREA OF INTREST**

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- Design, R&D, QA/QC, Maintenance, Production,

## **SUMMERY OF SKILLS**

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- **Design and Analysis Packages**  
ANSYS, AutoCAD, Basic knowledge of PRO-E
- **Software Packages**  
Microsoft Office (MS Word, Excel, Power Point etc.)

## **STRENGTH**

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- Positive attitude.
- Ability to work in team.
- Hard working.
- Optimistic.

## **INDUSTRIAL VISITS**

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- Aurangabad Foundries, Aurangabad (Second Year)
- Excedy, Aurangabad (Third Year)
- Next Furniture, Aurangabad (Final Year)

## **ACADEMIC MEMBERSHIP**

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- was member of MESA (Mechanical Engineering Student Association) in J.N.E. College of Engineering Aurangabad for two years

## **PROJECT DETAILS**

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### **Low Cost Automation Spray Painting Robot**

- Problem Statements
- Methodology Followed
- Result

## **EXTRA CURRICULAR ACHIEVEMENTS**

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- Participated in 'Movie Making Competition'
- Participated in 'National Level Robo Race Competition'
- Organized a National Level Robo Race Competition at J.N.E.C Aurangabad
- Team leader of B.E. project.

## **PROFESSIONAL EXPERIENCE**

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**01) Company: National Agricultural Higher Education Project (NAHEP), Vasantao Naik Marathwada Krishi Vidhyapeeth, Parbhani**

**Designation: Junior Engineer (Mechanical)**

**Duration: March 2020 – Currently**

### **JOB RESPONSIBILITIES**

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- Complete assign procurement activity for Agri-bots (Robots) division and & Smart Portable Machinery (SPM) portfolio
- Completion of Administrative Assignments i.e. Administrative Sanction Note, Financial Sanction Note Request for Quotation (RFQ), Comparison Chart, Supply Order, Award of Contract received from Research Associate (RA)
- Preparation of Administrative Sanction for Webinars/ Trainings and various procurement activities
- Conducting weekly meeting for PG/Ph.D students as an advisory
- Project & Research related guidance to PG / Ph.D students allotted to me as Advisor.
- Research Experiment's on Robotic arm based vehicle models at NAHEP-CAAST-DFSRDA-VNMKV Centre Parbhani.
- Preparation of Information manual's for CAD / CAM / CAE lab, various procured equipment's, and national and international seminar programme
- Field Survey for demonstration of Agri-bots (Robots), Agri-AGVs (Automated Guided Vehicles), & Agri-Drones
- Development of Website/individual web page /Apps for Agri-bots & Smart Portable Machinery (SPM) SPM in Coordination with Research Associate (RA), Senior Research Fellow (SRF), Junior Research Fellow (JRF)
- Attend and organize of workshop/Conference/Training at National and International level.
- Preparation and Publication of Research Paper/Review Paper in journal
- Preparation of design and performing analysis on research experiment model by ANSYS software.
- Works as an instructor on E-learn platform website also Prepared & upload syllabus data on e-learn portal
- Preparation and Publication of Popular Article/ Magazines in news paper.
- Preparation of Digital notes on Agri-bot's & Smart Portable Machinery (SPM) portfolio.
- Modification & Technical support for syllabus design of Robotics.
- Preparation of certificates & Flyers for E trainings / workshops / webinar.
- Vehicle maintenance, Trainings, Exhibitions & Extensions activities.

**01) Company: Parbhani City Municipal Corporation, Parbhani**

**Designation: City Co-ordinator**

**Duration: July 2019 - January 2019**

**02) Company: Jintur Nagar Parishad, Jintur**

**Designation: City Co-ordinator**

**Duration: July 2019 – July 2019**

### **JOB RESPONSIBILITIES**

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- Coordination Work between State Government and Urban Local Bodies to send Swachh Servedekshan- 2020 Important Data
- Filling Monthly Information Sheet (MIS) of Urban Local Bodies on Swachh Servedekshan 2020 Portal.
- Maintaining Records of Swachh Servedekshan 2020
- Preparation Documents of Swachh Servedekshan 2020, GFC (Garbage Free City), ODF+ (Open Defecation Free +), ODF++ (Open Defecation Free ++).

- Preparation of IEC (Information of Educational Communication) work.
- Taking Training Work Shop of Sanitary Inspector, Sanitary Workers of Parbhani City Municipal Corporation, Parbhani.
- Supervising Cleaning Activities of City.
- Preparation of Daily Report
- Attending Daily Meetings with Municipal Commissioner

**01) Company: Divine Engineers and Infra Pvt. Ltd, Pune**

**Plant: BAJAJ AUTO LTD, Aurangabad**

**Designation: Maintenance Engineer**

**Duration: May 2015 - August 2018**

**JOB RESPONSIBILITIES**

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- Planning and undertaking of schedules of Maintenance
- Responding to break downs of power and Free Overhead conveyor, Material Handling Conveyor, Chain Conveyor, Load/ Unload Lift, Dispatch Lift, Scissor Lift, Pop up Lift, Elevation Change over lift, Return Lift
- Preparing Check Sheet's for all types of conveyor's, Lift, FDS Carieer, Main Control Panel(MCP), Remote Control Panel (RCP), C-Hanger's, Motor's , CNC Machines, SPM Machines
- Diagnosing faults
- Supervising Engineering and Technical staff
- Maintaining Statical and Financial records
- Maintaining/ Ensuring health and safety environment
- Preparing weekly, Monthly, Quarterly and Yearly Plan Preventive Maintenance (PM)
- Making Maintenance Work Completion report
- Taking trial after Preventive Maintenance (PM)
- Daily Shift wise Manpower Distribution
- Preparing Material Requirement Report
- Attending Weekly and Monthly Meeting's in Department with Plant Manager
- Daily reporting to Plant Manage
- Guiding all Technician's
- Taking time to time follow up from technician's
- Inspection of Mechanical/ Electrical / PLC system
- Working with Specialists equipment Programmable Logic Controller (PLC) System of ALLEN BRADLEY Power Flex 600, Mitsubishi
- Use SCADA system for Error Detection
- Deals with Safety rules and Precautions while working in plant
- Ensuring Height and Work permit is available for working
- Coordinating with Production Department and Quality Department
- Ensuring Complete Billing Process
- Follow TPM process
- Implementation of KAIZEN
- Preparing daily, weekly, and Monthly Check sheets
- Knowledge of handling PLC and Troubleshooting and maintenance of PLC.

## **DECLARATION**

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I hereby declare that the information furnished above is true to the best of my knowledge.

**Date: 15/03/2021**

**Place: Parbhani**

**PATHAN TANZIMKHAN**