

# VIJAY S. CHAVAN

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**Seeking challenging assignment in Engineering Function with growth oriented organization**

## CAREER SUMMARY

- Currently pursuing Master of Engineering in CAAD (Computer Aided Analysis and Design ).
- A result oriented professional with over **2.5 years** (32 months) of experience in design field using **CATIAV5 and ALIBRE DESIGN** and its modules. Domain Area of expertise includes: **SHEETMETAL**
- Successfully executed various projects from conceptual design to manufacturing process like modeling, issuing manufacturing drawing, using CATIAV5 and ALIBRE DESIGN software.
- Good understanding the project requirements use suitable methodology for the project.
- Proficient in:
  - Geometric dimensioning and tolerance.
  - modeling, detailing, assembly of heavy engineering components using CATIAV5 and ALIBRE DESIGN
- Possesses good interpersonal, coordination & problem solving skills.

## SOFTWARE SKILLS

Course Completed: CAD/CAM GURU Certified CAD Engineer.  
Institute: CAD/CAM GURU Solution Pvt. Ltd. Pune.  
Duration: 7 Months.

SOFTWARE	LEVEL OF SKILL
CATIAV5R19	Part Modeling, Drafting, Top down & Bottom up Assembly, Sheet Metal, Surfacing, Boolean operation, Power copy, DMU Kinematics, Bill of material, Analysis & Simulation,
Pro-E Wildfire 5.0	Part Modeling, Assembly, Surfacing, Drafting, Sheet metal.
Solid Edge V19	Part Modeling, Assembly, Sheet metal, Drafting
Alibre Design	Part Modeling, Assembly, Sheet metal, Drafting
AutoCAD	Drafting

## Educational Background

Bachelor of Engineering degree in 'Mechanical' and pursuing Master of Engineering in 'CAAD'

Sr.No	Examination	Year	School/college	University/board	% marks
1.	M.E. (CAAD)	2015-16	SSVP's C.O.E. Dhule	N.M.U. Jalgaon	Pursuing
2.	B.E. (MECH.)	2010-11	D.N.Patel C.O.E Shahada.	N.M.U. Jalgaon	67.83
3.	H.S.C	2006-07	Jai Hind Jr. College Dhule.	Nasik Board	64
4.	S.S.C	2004-05	New City High School Dhule.	Nasik Board	76.80

**Aggregate In Mechanical Engineering-60.98%**

## PROFESSIONAL EXPERIENCE:

Since 1 JUNE 2012 To 3 MAY.2013: **AXIS SOFTWARE PVT. LTD. PUNE**  
Designation: **Design Engineer**

### Company Profile:

AXIS SOFTWARE PVT. LTD is leading manufacturer of **ATM** and **KIOSK Machine** and supplies Machines all over the World.

Software Used: **CATIAV5**

### Assignments executed:

#### Projects

##### **AX 821 ATM.**

Client: CHEJA BANK, Qatar.  
Responsibilities: Design in Sheet Metal, casting, plastic. Drafting and Assembly.  
Description: Design of Front panel assembly, Safe box assembly, Control panel assembly.

#### Projects

##### **AX 825 KIOSK Machine.**

Client: STATE BANK OF INDIA, India.  
Responsibilities: Design in Sheet Metal. casting, plastic. Drafting and Assembly.  
Description: Design of Front panel assembly, Cheque box assembly, Control panel assembly.

#### Projects

##### **AX 831 KIOSK Machine.**

Client: VIJAYA BANK, India.  
Responsibilities: Design in Sheet Metal, casting, plastic. Drafting and Assembly.  
Description: Design of Front panel assembly, Cheque box assembly, Printer Assembly, Control panel assembly.

Since 1 JUNE 2013 to 28 FEBRUARY 2015 : **PRECISE AUTOMATION PRIVATE LIMITED, PUNE.**  
Designation: **Design Engineer**

Software Used: **CATIAV5 and ALIBRE DESIGN**

Responsibilities:

- 1) Design of different parts in Sheet metal.
- 2) Assembly of designed parts as per manufacturing.
- 3) With the help of simplified representation created different simplified representation of assembly according to the sub assemblies and particular position of the part.
- 4) Drawing of each Assembly exploded view, BOM table, Insert BOM Balloons, Applying GD&T

### Assignments executed:

#### Projects

##### **Design of Electrical Control Panel.**

Responsibilities: Design in Sheet Metal. Drafting and Assembly  
Description: Assembly of Bus Bar, Circuit Breaker, Incomer, Selector Switch, Over Load Relay, Timer, Contactor and Cables.

#### Projects

##### **Design of Junction Box Housing.**

Client: Faber Spa Pvt Ltd, Mumbai  
Responsibilities: Design in Sheet Metal. Drafting and Assembly  
Description: Client provides Line diagram as per requirement.

#### Projects

##### **Design of Fire Alarm Control Panel.**

Client: Sugar Industry  
Responsibilities: Design in Sheet Metal. Drafting and Assembly  
Description: Assembly of CPU Circuit, Appliance Circuit, User Interface, Battery in Panel Cabinet.

**Projects**                      **Strength and Durability Testing for Ace chair.**  
Client:                          Godrej and boyce manufacturing company limited, Mumbai  
Responsibilities:              Member of team, Design in Sheet Metal, Drafting and Assembly.  
Description:                   Client provides Line diagram as per requirement.

**Projects**                      **Multipurpose Tilting Flume**  
Responsibilities:              Conversion of 2D to 3D models  
Description:                   Member of team, Design of Sluice gate assembly, Inlet and outlet tank, stand, 1" hose nipple, elbow, reducer, T-joint, stand for hydraulic pump, pvc clamping

**Since 21 JUNE 2016 to Present : GF's GODAVARI COLLEGE OF ENGINEERING JALGAON.  
Designation: LECTURER**

**Subjects taught:** 1) Machine Design I  
2) Material Science & Metallurgy  
3) Mechanical Vibration

**Responsibilities held:** coordinator for  
1) Special Study  
2) Seminar  
3) CNC work shop

### **Academic Project**

**Title-** Exercise cum washing machine

**Description-** With the help of this machine we can exercise and wash cloth simultaneously without use of electricity

### **Personal Profile**

Date of Birth                      10 October 1989.  
Marital status                   Single  
Language known                English, Hindi, and Marathi  
Address                            "Sri Renuka Niwas", Lane No. 5, H.No 2557 DHULE.  
Nationality                        Indian

### **Declaration:**

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

**DATE:**

**Mr. VIJAY SHARAD CHAVAN.**