

# Ajay Reddy R

## Design Engineer

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## **EXPERIENCE SUMMARY:**

Design Engineer having experience in 3D modelling, Sheetmetal designing, GD&T, drafting, detailing and procurement.

## **PROFESSIONAL EXPERIENCE:**

### **ELEMENTAL FIXTURES PVT LTD.**

**Design Engineer:** Working as a Design Engineer from 2021 December.

**Projects:** Worked on projects of Samsung, The White Crow, Adidas, Reebok and Reliance Trends etc.

#### **Roles and Responsibilities:**

- Designing of Fixtures and Furniture for Retail stores like, TV units, Display units, and storage units etc.
- Interacting with clients about design.
- Assisting Production team and Installation team.
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### **TEKMEDIKA AUTOMATON AND SERVICES-SPM Manufacturers:**

**Associate Design & Procurement Engineer:** 1.2 years of experience in designing, detailing drafting & procurement.

#### **Projects:**

**Viral Transport Medium (VTM)** - Filling Machine-Automatic filling, capping, and labelling of VTM vials.

**Engine Under Cover Assembly Machine-** assembling machine-automatic assembling, riveting and screw tightening.

**Cassette Assembling Machine-** assembling machine- Assembling of pregnancy testing and malaria testing cassettes.

**Packing Machine-** packing of pregnancy testing kit by sealing Aluminium pouches.

#### **Roles and Responsibilities:**

- Designing of SPM machines, material selection and procurement of materials.
- Modelling of the machine components and Manufacturing drawing of same.
- Helping in manufacturing and assembly process, helping programmer in the understanding of machine working process.

## **FIRST FIRE SOLUTIONS:**

**Fire Safety Design Engineer:** 6 months experience in designing layouts for installation of Automatic Fire sprinkler systems, Fire hydrant systems and Fire detection systems for Industries.

**Projects:** Fire suppression system for industries such as, Gokaldas, Silver crest clothing Pvt Ltd. Fire hydrant system with foam monitoring system

**Roles and Responsibilities:**

- Considering fire safety norms from IS, NFPA and OSHA to prepare layout drawings of various fire protection systems like Fire Hydrant system, Fire pump house, Fire sprinkler system, Fire alarm and detection system, Fire extinguishers and preparing BOQ for equipment and fittings from the drawings.
- Project handling, raw material handling, work co-ordination and supervision at different sites.

**SKILLS SUMMARY:**

- **AutoCAD** Drawing Aids & Basic Objects, Blocks & Annotations.
- **SolidWorks** 3D Modelling, Sheet metal designing and detailing.
- **Geometrical dimensioning & tolerance.**

**EDUCATION:**

**Bachelor of Engineering** – Mechanical Engineering (2018).  
Visvesvaraya Technological University (VTU).

**PERSONAL PROFILE:**

Date of Birth: 14 September 1995

Gender: Male

Marital Status: Single

Languages Known: English, Kannada, Hindi, Telugu and Tamil.