

Vivaan Mehta

Mechanical Engineer

VM

Hyderabad, India vivaan.mehta@example.com Fictional sample

01 Professional profile

Mechanical Engineer with an illustrative 11-year career focused on mechanical design, tolerancing and prototype validation. Core strengths include Solid modelling, GD&T and Material selection. Selected examples describe the challenge, contribution and handover materials.

02 Professional experience

Jul 2022 - Present

Mechanical Engineer

Asterline Engineering Works · Hyderabad

Delivered defined workstreams in mechanical design, tolerancing and prototype validation, coordinating reviewers and delivery partners.

- Redesigned access features and mounting interfaces, then checked clearance with a physical mock-up.
- Compared material and rib options against the design load assumptions and reviewed the prototype test plan.

Jul 2018 - Jun 2022

Mechanical Engineer

Northmere Engineering Works · Hyderabad

Built a scoped practice in mechanical design, tolerancing and prototype validation, with a defined review process.

- Used solid modelling and design calculations on assigned work; recorded decisions so colleagues could understand the approach.
- Prepared handover materials and incorporated specialist feedback before closing the workstream.

Jul 2015 - Jun 2018

Graduate Engineer

Cedarfield Engineering Works · Hyderabad

Built foundations through supported assignments, observation and practical feedback.

- Assisted with GD&T and prototype testing, checking work with an experienced reviewer.
- Kept organised work records and developed clear handover habits through supervised practice.

EXPERTISE

Core capabilities

Solid modelling

GD&T

Material selection

Design calculations

Prototype testing

DFM

SELECTED WORK

Serviceable pump enclosure

Assembly drawing and serviceability review

Lightweight support bracket

Design study and prototype inspection sheet

LANGUAGES

English - professional working

Hindi - professional working

CAREER CONTEXT

11 years in this illustrative career.

Three appointments.

Full work examples on page 2.

03 Engineering projects

Precision in every decision.

WORK EXAMPLE 01 / ILLUSTRATIVE

Serviceable pump enclosure

Context

Maintenance required removing adjacent assemblies.

Contribution

Redesigned access features and mounting interfaces, then checked clearance with a physical mock-up.

Prepared for handover

Assembly drawing and serviceability review

WORK EXAMPLE 02 / ILLUSTRATIVE

Lightweight support bracket

Context

A bracket needed lower mass without changing its interfaces.

Contribution

Compared material and rib options against the design load assumptions and reviewed the prototype test plan.

Prepared for handover

Design study and prototype inspection sheet

04 Education

2013 – 2015

M.Tech in Machine Design

Asterbridge Institute of Professional Studies

Specialist study with a practice focus on solid modelling and GD&T.

2009 – 2013

Bachelor of Technology / Science in the relevant discipline

Cedarhaven College of Applied Studies

Foundation study, practical assignments and supervised learning. Fictional institution and qualification record.

05 Professional development

2024

Solid modelling - advanced practice workshop

Scenario exercises and peer review in mechanical design, tolerancing and prototype validation.

2025

Design calculations - reflective practice seminar

Applied learning reviewed through a bounded example and a written reflection.

Continuing learning examples, not licences or independently verified certifications.

06 Practice & evidence notes

Work focus

Mechanical design, tolerancing and prototype validation

Evidence status

Illustrative work descriptions; no source artefacts attached

Contribution scope

Owned the stated workstream, not all team outcomes

Every employer and institution in this CV is fictional. The two work examples describe individual contributions; supporting artefacts and externally measured outcomes are not supplied. Replace example information with accurate records and permission-cleared work before using this CV.