

# Lokesh Gaidhane

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## 📄 Profile Summary

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Detail-oriented and results-driven Mechanical Engineer with over 6 years of experience in production, quality control, and inventory management. Proven track record of sustaining high production standards (up to 90%), leading cross-functional teams, and delivering cost-effective solutions. Adept in lean manufacturing techniques such as 5S and Poka-Yoke, with hands-on experience in resolving internal and customer quality issues. Skilled in AutoCAD and well-versed in interpreting technical drawings and specifications. Also familiar with programming fundamentals in Java and SQL, which support process automation and data-driven decision-making.

## 📁 Professional Experience

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- Freelancer** 09/2023 – Present  
Gadchiroli
- Working with the project team to understand the scope of the design project.
  - Preparation of the equipment's datasheet as per the requirement.
  - Preparation of datasheet for Heat exchanger, Product receiver, and Distillation columns in AutoCAD.
- Internship Software Test Engineer, Info Origin Technologies Private Limited** 02/2025 – 04/2025  
Gondia
- Performed manual and automated software testing using Selenium, ensuring coverage across multiple functional areas.
  - Designed, developed, and executed comprehensive test cases in alignment with functional specifications.
  - Prepared detailed test reports and documented results for review.
  - Utilized SQL to retrieve, validate, and verify data integrity and accuracy during testing.
  - Created and executed complex SQL queries to support advanced test scenarios.
  - Logged, tracked, and managed defects using a defect tracking tool.
  - Applied OOP concepts, collections framework, arrays, and string class in Java to enhance testing efficiency and accuracy.
- Shift Supervisor, Sumit Engineering** 07/2021 – 04/2023  
Nagpur
- Successfully led and coordinated a team of 5+ members, achieving smooth and efficient production workflows.
  - Maintained accurate and up-to-date production records and logbooks to support operational transparency.
  - Resolved customer complaints effectively and implemented preventive strategies to reduce recurrence.
  - Analyzed customer feedback to identify needs and demands, driving process and product improvements.
  - Managed inventory efficiently, ensuring optimal stock levels and timely availability.
- Graduate Engineer Trainee, Foundation Brake Manufacturing Pvt.Ltd** 05/2017 – 05/2019  
Jalgaon
- Led a 5-member team to maintain smooth operations and 100% adherence to quality standards.
  - Achieved zero non-conformance in finished goods by enforcing rigorous incoming, in-process, and final inspections.
  - Produced wheel cylinders with high precision, ensuring strict quality compliance.
  - Resolved internal customer complaints promptly and implemented preventive measures to avoid recurrence.
  - Optimized machine and gauge performance by ensuring proper usage and regular calibration.
  - Improved product quality and production efficiency through targeted corrective actions.
  - Reduced rejections and scrap rates via Poka-Yoke and mistake-proofing station implementation.
  - Maintained 5S standards on the shop floor, monitored through check sheets and monthly audits.
  - Promoted active team involvement in 5S, Quality Circle (QC), and safety initiatives.
  - Consistently updated daily production records and maintained accurate logbooks.
- Graduate Engineer Trainee, Kranti Industries Pvt.Ltd** 01/2016 – 11/2016  
Pune
- Operated on the production line and performed line inspections, consistently maintaining a 90% production rate.
  - Ensured product quality by coordinating closely with the Shift Supervisor and QC department.
  - Maintained 100% product quality through continuous monitoring and adherence to quality standards. Encouraged team participation in 5S, Quality Circle (QC), and other improvement initiatives, while upholding 5S standards on the shop floor.
  - Implemented Poka-Yoke techniques to prevent defects and improve process reliability.
  - Gained hands-on experience operating CNC machines, including VMC and HMC.

## Education

**Bachelor of Engineering (Mechanical), Rashtrasant Tukadoji Maharaj Nagpur University**  
Pass with First Class (64%)

07//2014  
Nagpur

## Skills

**AutoCAD:** Designed Engineering drawings for the projects provided in the University. | Participated in University level Technoevent.

**Event Management:** Planned, managed, and organized 5+ college events.

**Prototype Development:** Build the model of a 3D Printer.

**Teaching & Communication:** Trained 15+ students on different subjects

**Team leader**

**Microsoft office and Excel:** Preparing power point presentations and maintaining data sheets.

**Software Testing:** Having knowledge of Manual Testing, Automation Testing and API Testing

**Programming Languages:** Core Java, SQL

**DBMS:** SQL Server 2005, PostgreSQL.

## Projects

### **Design and Fabrication of "3D PRINTER"**

In our project we design and fabricated the rep-rap type of 3D printer. 3D printing is the process of creating an object using a machine that puts down material layer by layer in three dimensions until the desired object is formed. This printer reduced the workload of workers and easily formed complicated working object in actual appearance like toy cars.

### **Steering Control Headlight Mechanism**

In our project we design and fabricated the steering control headlight mechanism using a linkages which show how steering control headlight of vehicle. This mechanism is helpful to avoid accident on taking turn in hilly area.

## Courses

### **Lean Six Sigma Green Belt, Udemy**

06/2025 – Present

- Basic introduction of Lean Six Sigma.
- Basic Critical Path Analysis (CPA) and Project priority matrix.
- Basic of DMAIC, SIPOC.

### **Software Testing, Velocity**

06/2024 – 10/2024

- Basics of Manual and Automation Software testing using Selenium WebDriver.
- Learn API Testing and Database Testing using Postman, MySQL workbench tool.
- Learn about project management tool Jira and Agile Methodology.

### **AutoCAD, GCS Institute**

2010

- Explored the basics of AutoCAD and basic of drawing of 2D and 3D.

Hyderabad

## Personal Details

- Date of Birth :- 15/07/1992.
- Nationality :- Indian.
- Marital Details :- Unmarried.
- Language Known :- English, Hindi, Marathi.
- Address :- C/o Mr. M. S. Gaidhane, Quarter No-03, Open Jail Gadchiroli, 442605

## Declaration

I here by declare that all the above furnished details are true to the best of my knowledge.

Date:-

Place:-

Lokesh Gaidhane