



DEEPAK SHANKAR ADIK

Fresher Mechanical Design Engineer | Expert in AutoCAD, SolidWorks & Creo | 2D/3D Modeling, Part & Assembly Design | Final-Year Diploma

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📍 [AHIILYANAGAR MAHARASTRA](#)
🌐 <https://adikdeepakportfolio.netlify.app/>

Skills

- 🔗 AutoCAD (2D Drafting)
● ● ● ● ●
- 🔗 Creo Parametric (Part & Assembly Modeling)
● ● ● ● ●
- 🔗 SolidWorks (3D Modeling)
● ● ● ● ●
- 🔗 ADVANCED MICROSOFT EXCEL
● ● ● ● ○
- 🔗 NETWORKING
● ● ● ● ○
- 🔗 Engineering Drawings
● ● ● ○ ○
- 🔗 Photoshop (Basic Design)
● ● ● ○ ○
- 🔗 PYTHON LANGUAGEPYTHON LANGUAGE
● ● ○ ○ ○
- 🔗 WORDPRESS/WEB DESIGNING
● ● ● ○ ○
- 🔗 MICROSOFT 365
Basic working knowledge of Microsoft Office 365
● ● ● ○ ○

Certifications

- SolidWorks
15 August 2025
DIGITAL CADD SOLUTION
- Internship Offer Letter
Infinite Graphix Technologies Pvt. Ltd.,
Pune

Profiles

- 🌐 [linkedin](#)
[deepak-adik](#)
- 🐙 GITHUB
[Adikdeepak0167](#)
- 💵 FIVERR
[DEEPAK ADIK](#)

Summary

Final-year Mechanical Engineering Diploma student with strong expertise in AutoCAD, SolidWorks, and Creo for 2D/3D modeling and assembly design. Developed an IoT-based Smart Drainage Monitoring System using ESP8266 and published a research paper in IJSREM. Awarded First Prize at a college-level project competition. Seeking an opportunity in mechanical design to apply technical skills and contribute to innovative projects.

Education

S.R.S.M.V.KANGONI KANGONI TOWN	5TH TO 10TH • 78.00% MARCH 2017 - MARCH 2023
P.D.V.V.P.POLYTECHNIC, LONI LONI	FIRST SEMISTER • 75.00% AUGUST 2023 TO NOVEMBER 2023
P.D.V.V.P.POLYTECHNIC, LONI LONI	SECOND SEMISTER • 63.89% JANUARY 2023 TO APRIL 2023
P.D.V.V.P.POLYTECHNIC, LONI LONI	THIRD SEMISTER • 62.00% JULY 2024 TO NOVEMBER 2024
P.D.V.V.P.POLYTECHNIC, LONI LONI	FOURTH SEMISTER • 52.11% JANUARY 2025 TO APRIL 2025
P.D.V.V.P.POLYTECHNIC, LONI LONI	FIFTH SEMISTER • 73.41% JUNE 2025 TE DECEMBER 2025
P.D.V.V.P.POLYTECHNIC, LONI LONI	SIXTH SEMISTER JANUARY 2026 TO MAY 2026

Projects

Internship Completion Letter
20 August 2025
Infinite Graphix Technologies Pvt. Ltd.,
Pune

Advanced Microsoft Excel (30-Days Crash Course)
01 February 2026
Skill Course

Essay Writing Participation Certificate – Darpan 2K25
Academic Year 2024–2025
Padmashri Dr. Vitthalrao Vikhe Patil
Polytechnic LONI

QCAD Training – Certificate of Completion
28 August 2025
Spoken Tutorial Project, IIT Bombay

Python Programming Certification
15 January 2025
IIT Bombay Spoken Tutorial Project

Microsoft Certificate of Completion
July 27, 2025
Microsoft Online Certification Training

Google Cybersecurity Certificate
26 June 2025
Google

Certificate of Publication – IoT-Based Smart Drainage Monitoring System
February 2026
IJSREM Journal (International Journal of Scientific Research in Engineering & Management)

First Rank – Techno Fair Project Competition (Euphoria 2026)
MARCH 2026
P.D.V.V.P.POLYTECHNIC, LONI

Languages

MARATHI
● ● ● ● ●

HINDI
● ● ● ● ○

ENGLISH
● ● ● ○ ○

IOT-Based Smart Drainage Monitoring and Autonomous Cleaning System Using ESP8266
NOV 2025 – Feb 2026
Developed an IoT-based Smart Drainage Monitoring and Autonomous Cleaning System using ESP8266. Integrated ultrasonic sensor for water level detection and MQ-135 gas sensor for hazardous gas monitoring. Designed a servo motor-based mechanism for automatic waste removal. Enabled real-time monitoring via IoT dashboard. Awarded First Prize at college-level project competition.

Publications

IOT-Based Smart Drainage Monitoring and Autonomous Cleaning System Using ESP8266
FEB 2026
IJSREM Journal
Published a research paper on IoT-based drainage monitoring system with real-time alerts and automated cleaning mechanism using ESP8266.

Awards

First Prize – College Level Project Competition
MARCH 2026
P.D.V.V.P.POLYTECHNIC, LONI
Secured First Prize at college-level project competition for developing an IoT-Based Smart Drainage Monitoring and Autonomous Cleaning System using ESP8266, featuring real-time monitoring and automated waste removal.