

MK

Manoj Kumar

CAD Automation Consultant

**Saving Time!**

I build automation tools that save 250+ CAD engineer-hours per week

Turn Excel/GIS data into AutoCAD/CATIA/NX drawings in minutes. Fully customized to your company's standards - title blocks, layers, naming conventions, and BOM formats.

[Send Sample Data for Free Analysis →](#)[Book a Demo](#)

Trusted by companies in Chennai, Bangalore, Hyderabad & more

**250+****Hours Saved/Week**

Average per client

**₹15L+****Monthly Savings**

Client cost reduction

**Manoj Kumar**

CAD Automation Consultant

99.8%**Accuracy Rate**

Error-free automation

**10-20x****Faster Delivery**

Compared to manual

**2-4 weeks****Payback Period**

ROI timeline

**5+****Years Experience**

CAD automation expert

**50+****Projects Completed**

Successful deliveries

**15+****Companies Served**

Across India

**10,000+****Hours Automated**

Total time saved

**100%****Success Rate**

Project completion

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CAD Automation Consultant

Calculate Your ROI

See how much time and money you could save with CAD automation

Your Current Workflow

Hours Saved Per Week

40

Typical range: 40-250 hours/week depending on team size

Number of Drawings Per Week

100

Average production volume

Calculation basis: ₹500/hour average engineer cost (salary + overhead)



Annual Cost Savings

₹9,60,000



Monthly Savings

₹80,000

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Saved Per Drawing

(L)

24.0 minutes

Typical ROI Timeline

2-4 weeks

Most automation projects pay for themselves within the first month through time savings alone

About Me

I am Manoj Kumar, a highly skilled and experienced CAD automation consultant based in Chandigarh, India. I specialize in developing custom solutions to automate repetitive tasks in AutoCAD, CATIA, and NX, helping engineering teams significantly reduce design time and improve accuracy.

With a strong background in mechanical engineering and a passion for automation, I am dedicated to delivering innovative and cost-effective solutions tailored to your specific needs. I have a proven track record of successfully implementing automation projects for a diverse range of clients across various industries.

My approach combines deep technical expertise with practical engineering knowledge to create solutions that not only work but integrate seamlessly into your existing workflows.

Core Expertise

- ✓ AutoCAD LISP & VBA Development
- ✓ NX Open API Programming
- ✓ Custom Plugin Development
- ✓ CATIA V5/V6 Automation
- ✓ Excel-CAD Integration
- ✓ Workflow Optimization

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Why Choose Me?

Proven expertise in CAD automation

Industry Experience

Years of hands-on experience with AutoCAD, CATIA, and NX automation across manufacturing, automotive, and aerospace sectors.

Custom Solutions

Every project is unique. I develop tailored automation solutions that fit your specific workflow and requirements.

Measurable Results

My solutions deliver tangible benefits: reduced errors, faster turnaround times, and significant cost savings.

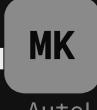
Ongoing Support

I provide comprehensive documentation and support to ensure smooth implementation and long-term success.

CAD Automation Services - Custom Solutions for Every CAD Platform

Specialized automation tools built for your specific CAD environment and company standards. From simple batch processing to AI-powered intelligent automation.





Manoj Kumar AutoCAD Automation

CAD Automation Consultant
VBA, AutoLISP, C#, Python

Custom tools for drawing generation, block insertion, dimension automation, and batch processing

- 🕒 90% faster drawing creation
- 🕒 Standardized outputs
- 🕒 Error-free dimensions

[Get Custom Quote](#)



CATIA Automation

VBA, EKL, CAA

Part modeling automation, assembly generation, and drawing creation from parametric data

- 🕒 Batch part creation
- 🕒 Automated assemblies
- 🕒 Consistent naming

[Get Custom Quote](#)



NX Automation

NX Open, Python, C++

Feature automation, model generation, and CAM programming assistance

- 🕒 Reduced modeling time
- 🕒 Standardized features

- ✓ CAM optimization

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[Get Custom Quote](#)

Excel→CAD Integration

VBA, Python, APIs

Direct data transfer from spreadsheets to CAD software with validation and formatting

- ✓ Zero manual data entry
- ✓ Real-time updates
- ✓ Data validation

[Get Custom Quote](#)

AI+CAD Automation

Python, Machine Learning, OCR

Intelligent drawing analysis, automatic annotation, and smart template selection

- ✓ Smart recognition
- ✓ Predictive modeling
- ✓ Adaptive automation

[Get Custom Quote](#)

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How Custom CAD Automation Works

Every solution is tailored to your company's specific standards and requirements

01

Analysis

Review your current CAD workflows, standards, and pain points

02

Design

Create custom automation solution matching your exact requirements

03

Development

Build and test automation tools with your real data and templates

04

Deployment

Install, train your team, and provide ongoing support

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Get Started with Custom Automation

Success Stories - Real Projects, Measurable Results

See how custom CAD automation has transformed workflows for companies across India

All

Manufacturing

Telecom

Leading Plywood Manufacturer

TSPL Chandigarh - Door Fabrication Automation

AutoCAD VBA, Excel Integration, Custom Templates

Automated door fabrication drawing generation from Excel specifications, reducing manual drafting time by 95% and eliminating errors in production drawings.

95%

Time Saved

280+

Hours/Week

99.8%

Accuracy

Minutes

Delivery

↗ ROI achieved within 2-4 weeks

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Ready to Transform Your CAD Workflow?

Every project starts with understanding your specific requirements. Let's discuss how automation can save your team hundreds of hours per week.

[Send Sample Data for Free Analysis](#)

[Discuss Your Project](#)

What Our Clients Say

Authentic feedback from engineering teams who've transformed their CAD workflows with custom automation solutions



★★★★★ 4.8/5

"At first I thought automation would be too complex for our design workflow. But after seeing how quickly we could generate accurate drawings, I was honestly surprised. Earlier, a single drawing used to take us 40 minutes. Now it's ready in less than 5 minutes."



Manoj Kumar
RME Design Engineer, Bangalore
CAD Automation Consultant
AutoCAD Automation



★★★★★ 5/5

"I'm not very technical, but the tool was so simple to use. We just input the sizes, and everything else was automated. The best part is, the standards and title blocks came out perfectly, just like our company needs."



Priya S.
CAD Manager, Chennai
CATIA Automation



★★★★★ 4.9/5

"For us, the biggest issue was human error in BOM. After automation, that problem is gone. Even our production team is happy because they now get error-free drawings directly linked with cutting layouts."



Arvind K.
Production Manager, Hyderabad
Excel to CAD Integration

98%

Client Satisfaction

4.9/5

Average Rating

MK**Manoj Kumar****250+**

CAD Automation Consultant

Hours Saved Weekly

100%

Project Success Rate

Ready to Join These Success Stories?

Let's discuss how custom automation can transform your CAD workflow and deliver similar results for your engineering team.

[Start Your Success Story Today](#)

Let's Discuss Your Project

Ready to Save 250+ Hours Per Week? Choose how you'd like to get started. Every automation solution is custom-built for your specific CAD standards and requirements.

Free Sample Data Analysis

Share your Excel/GIS data and see how automation can transform your workflow. Get a detailed analysis within 24 hours.

Full Name *

Your name

Email Address *

your@email.com

Phone Number

Company Name

 +91 XXXXX XXXXX**MK****Manoj Kumar**

CAD Automation Consultant

Project Type

Select project type ▾

Your company

Message *

Tell me about your automation needs and current challenges...

Send Sample Data for Analysis 

Alternative Contact: You can also reach us directly at manojcaaengineer@gmail.com or call +91 7876790301

**Email**manojcaaengineer@gmail.com**Phone**

+91 7876790301

**Location & Availability**

Chandigarh, India

Available for projects across India

**Response Time**

Within 24 hours

Who MK opens Next?

CAD Automation Consultant

- ✓ Initial consultation within 24 hours
- ✓ Free analysis of your CAD workflow
- ✓ Custom solution proposal with ROI estimates



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Specializing in AutoCAD, CATIA, and NX automation solutions that transform engineering workflows and deliver measurable results.



Services

AutoCAD Automation

CATIA Automation

NX Automation

Excel to CAD

Custom Tools

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