

# KANWAL RAJ RAHI



"Web & App Developer | Automation Engineer | Robotics Engineer | Mechanical Engineer | Manufacturing & Production Engineer"

📞 <https://wa.me/+919999690161> 📱 +919999690161 [in LinkedIn.com/in/kanwalraji](https://www.linkedin.com/in/kanwalraji) ✉️ [kanwalraji@gmail.com](mailto:kanwalraji@gmail.com)  
📍 HOUSE NO. 4/2286 STREET NO. 4 GOVERDHAN BIHARI COLONY SHAHDARA DELHI 110032 🌐 [Kanwal Raj Rahi](#)

## SUMMARY

A highly motivated engineer with a Master's degree in Robotics and Automation Engineering and hands-on experience in data-driven automation and AI applications. Proficient in programming, machine learning, and IoT systems, with a passion for leveraging data science to innovate and transform the automotive and technology sectors.

## EDUCATION

<b>M.Tech in Robotics and Automation Engineering</b> University School of Information and Communication Technology (USICT), <i>CGPA 7.9</i>	Aug '22 - Jul '24 DELHI
<b>B.Tech in Mechanical and Automation Engineering</b> G.B. Pant Government Engineering College, <i>CGPA 7.54</i> DELHI'S BEST GOVERNMENT COLLEGE	May '10 - May '13 DELHI
<b>Diploma in Tool and Die Making</b> Tool Room and Training Centre, <i>percentage :- 63.33</i> BEST INSTITUTE OF INDIA IN THIS FIELD	Jun '05 - Jun '09 DELHI

## PROFESSIONAL EXPERIENCE

<b>PRODUCTION PLANNING CONTROL ENGINEER</b> VONKO ENTERPRISES <i>Responsibilities</i> <ul style="list-style-type: none"><li>Assembling electrical and electronic lighting systems, ensuring adherence to quality standards and timely delivery</li><li>Coordinated production schedules, optimizing resource allocation to meet project deadlines.</li></ul>	Jun '13 - Jul '19 DELHI
<b>TOOL ROOM ENGINEER</b> TRACTEL TIRFOR INDIA PVT.LTD. Selected at college campus interview <i>Responsibilities</i> <ul style="list-style-type: none"><li>Managed the maintenance and repair of press tools and dies, ensuring operational efficiency and minimizing production interruptions.</li><li>Designed and developed molds, contributing to the production of high-quality components.</li></ul>	Jul '09 - Sep '09 HARYANA

## GATE (Graduate Aptitude Test in Engineering) – Qualified

- Data Science and Artificial Intelligence
- Mechanical Engineering
- Production Engineering

## CERTIFICATIONS / TRAININGS

- Full Stack Web Development – TechAltum (2024-2025)
- Data Structures and Algorithms – GeeksforGeeks (2024)
- Data Science - IIT DELHI (2024)
- Hands-on Training on DRONE DESIGN– GGSIPU, New Delhi (2024)
- Industrial Practical Training on 3D Printing & Prototyping - GGSIPU, New Delhi (2024)

- Industrial Practical Training on 3D Printing – IIT (BHU), Varanasi (2023)
- Hands-on Training on Embedded System & Internet of Things (IoT) – GGSIPU Innovation & Incubation Centre (2023)
- Hands-on Training on MATLAB - GGSIPU Innovation & Incubation Centre (2023)
- Workshop on Intellectual Property Right : issues and challenges - GGSIPU Innovation & Incubation Centre (2023)
- Industrial Practical Training – Central Workshop, Delhi Transport Corporation (DTC) (2011)

---

## TECHNICAL SKILLS

- Database Management
- Artificial Intelligence & Machine Learning
- Mechatronics
- Mobile & Industrial Robotics
- Sensors & Automation for Industrial Applications
- Artificial Intelligence in Automation
- Internet of Things (IoT)
- Electrical & Electronics Engineering
- Computer-Aided Manufacturing (CAM)
- Manufacturing Engineering
- Sheet Metal Work & Casting
- Material Science & Strength of Materials
- Theory of Machines
- Reverse & Value Engineering
- Conventional & Non-Conventional Machining
- Conventional & Non-Conventional Testing
- Fluid Mechanics & Fluid Machinery
- Thermodynamics & Internal Combustion Engines (I.C. Engines)

---

## PROJECTS

**AI-Driven Robotics Systems:** Developed algorithms to automate industrial robot operations using machine learning techniques.

---

### "Recently Completed Website Projects"

"I recently developed the following websites:

Feb '25 - Mar '25

DeepThinkWorld.com, BuyWebApps.com, KanwalRajRahi.com" "Blog App"  
"Event Planner" "Expense Tracker" "Inventory Management System" "E-Commerce Shopping Cart" "Job Application Tracker" "Social Media App"  
"Task Manager To-Do List with Categories" "Quiz App with Timer"  
"Calculator" "Personal Information" "ourMeghalaya.com"  
"ourWestbengal.com" "ourUttarPradesh.com" "ourTamilNadu.com"  
"ourJammuAndKashmir.com"

DELHI

---

### Prompt Design and Engineering with AI Tools

**AI Assistants & Prompt Platforms:**

ChatGPT, Gemini, DeepSeek, Genspark AI, qwen.ai

**Code Generation & Developer Productivity:**

Cursor, Windsurf, Codeium, GitHub Copilot, Trae Copilot, FireBase Studio

**Visual Content Creation:**

DALL-E

---

## Software Proficiency

**Programming Languages:**

HTML

HTML5

CSS

CSS3

Bootstrap

Tailwind.

---

JavaScript  
TypeScript  
React.js  
Node.js  
Express.js  
Rest API  
Web Sockets  
MongoDB  
Next.js  
JSON  
Python  
MATLAB  
Shell  
Bash  
Google Drive

**Hosting & Deployment:** Deep understanding of VPS Hosting and Cloud Hosting platforms.

**Data Science & AI:** Machine Learning, Artificial Intelligence (AI), Internet of Things (IoT), Data Analytics

**Automation & Robotics:** ROS, RoboAnalyzer, RT Toolbox3, Mechatronics, Industrial Robotics

**Design & Engineering Tools:** AutoCAD, SolidWorks, Fusion 360, Arduino IDE

---

## STRENGTHS

**Highly Reliable and Dedicated Professional**

**Quick Learner with Strong Analytical Abilities**

**Creative Problem-Solver with an Innovative Mindset**

**Adaptable to New Challenges and Emerging Technologies**

---

## LANGUAGES

HINDI,

ENGLISH

---

## HOBBIES

"Playing Cricket,, Volleyball, Badminton, and Chess.",

---