

# KARTIK KUMAR

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## SUMMARY

*AI Automation Engineer with hands-on experience building bots, workflows, and CRM/e-commerce integrations that cut manual work and boost business outcomes. Skilled in taking projects from scratch to full deployment using Claude code or Codex, with expertise across leading AI tools and frameworks. Experienced in end-to-end automation — from designing logic to deploying production-ready systems. Passionate about experimenting with new AI platforms and turning ideas into working solutions.*

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## WORK EXPERIENCE

### QHT Clinic (Regrow Clinic LLP) | AI/ML Associate

Oct 2025 – Present

- **Automation Workflow Development:** Built reorder reminders, order follow-ups, calendar event managers, and lead distribution pipelines with webhooks, scheduling, and error handling.
- **AI Agent & Bot Engineering:** Developed/trained WhatsApp/Telegram bots using prompt engineering, RAG chains, image OCR (DeepSeek), and integrations with Claude/OpenAI.
- **Database & CRM Syncs:** Supabase vector stores, MongoDB embeddings, LeadSquared(CRM) lead creation/updates and all operations through API's using backend.
- **E-commerce Automations:** Shopify order tracking, abandoned cart recovery, reorder reminders via WhatsApp/e-mail, with live data to Sheets.

### Drop Organization (Remote) | AI Research & Automation Intern

Aug – Nov 2024

- Conducted in-depth research on AI-powered coding assistants like GitHub Copilot & Bolt New AI.
- Developed automation scripts to analyze the impact of AI tools on software development efficiency.
- Worked with REST APIs to integrate AI-based debugging features in web applications.

### Freelance AI/ML Projects

Feb – Mar 2026

- Connected multiple internal tools (Sheets, CRM, files, and reports) to Claude as a central “AI brain” using MCP, enabling the owner to query daily business performance in natural language and cutting manual status-check time by about 70%.
  - Fine-tuned a deep learning-based fraud detection model, performed feature engineering and hyperparameter tuning, achieving 93% precision on anomaly flags while reducing model training time by 40%.
  - Deployed an OpenClaw-based automation stack on a Hostinger Linux VPS, allowing the client to centrally manage daily files, employee data, and key documents, significantly reducing repetitive manual admin work and handovers just by using telegram chatbot.
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## EDUCATION

- **Bachelor of Computer Applications** *MJP Rohilkhand University, Bareilly* 2022 - 2025
- **Board Of High School & Intermediate Education** *Uttar Pradesh, Prayagraj* 2020 - 2022

## TECHNICAL SKILLS

- **Programming & Scripting:** *Python (Pandas, NumPy, Scikit-learn), Java, JavaScript/TypeScript, Shell scripting*
  - **Machine Learning & Data:** *Supervised/unsupervised learning, feature engineering, model evaluation (precision/recall, ROC-AUC, F1), hyperparameter tuning, anomaly detection, time-series basics*
  - **LLMs & Generative AI:** *Prompt engineering, RAG pipelines, toolcalling/agents, OpenAI, Claude, DeepSeek, LangChain-style workflows*
  - **AI Automation & Orchestration:** *n8n, Zapier/Make-style logic, webhook design, retry & error-handling patterns, scheduled jobs, multi-step workflow orchestration*
  - **Databases & Storage:** *Supabase (Postgres, vector stores), MongoDB, Firebase/Firestore, basic SQL, Redis caching*
  - **Cloud & DevOps:** *AWS EC2, basic Linux administration, VPS deployment (Hostinger), Docker fundamentals, SSH, Nginx reverse proxy*
  - **Messaging, CRMs & E-commerce:** *Interakt, LeadSquared, WhatsApp Business API, Telegram bots, Shopify, payment/checkout webhooks*
  - **Data Tools & Analytics:** *Google Sheets/Apps Script, basic dashboards (Data Studio / Looker Studio), API-based reporting, A/B test design*
  - **Security & Reliability:** *API authentication (keys, tokens), input validation, rate limiting, logging & monitoring, PII-aware data handling*
  - **Version Control & Collaboration:** *Git/GitHub, feature branches & PRs, issue tracking, basic CI/CD concepts*
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## TOOLS & PLATFORMS

- **LLM / AI:** *OpenAI, Claude, DeepSeek, Gemini, RAG tools, vector DBs (Supabase, Pinecone-style)*
  - **Automation:** *n8n, Zapier, Make.com, Google Apps Script, custom REST API integrations*
  - **Data & Experimentation:** *Jupyter/Colab, Scikit-learn, basic TensorFlow/PyTorch exposure, visualization with Matplotlib/Seaborn*
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## CERTIFICATIONS

- *Introduction to Model Context Protocol (Anthropic, 2026-Jun-17)*
- *Certificate of completion: Claude 101 (Anthropic, 2026-May-20)*
- *Certified Network Security Practitioner (The SecOps Group, 2024)*
- *Java Programming & Data Structures (MySirG, 2024)*
- *Course On Computer Concepts (NIELIT - 2022)*