

RAHUL JOSHI

AI Automation Developer

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PROFESSIONAL SUMMARY

AI Automation Developer and Full-Stack Engineer with 4+ years of hands-on experience building production-grade autonomous workflow systems and intelligent web applications. Specialized in n8n workflow orchestration, Open-AI/Claude API integration, LangChain agent pipelines, and MERN/Next.js development. Delivered quantifiable business outcomes across lead automation, programmatic SEO, ad performance optimization, and e-commerce platforms. Experienced in managing cross-functional teams, architecting scalable systems, and serving B2B clients through end-to-end digital solutions.

TECHNICAL SKILLS

AI & LLM	OpenAI API (GPT-4, GPT-4 Vision), Claude API (Anthropic), LangChain, Prompt Engineering, Prompt Chaining, RAG, Vector Databases, Semantic Search, AI Agents, NLP.
Automation	n8n (Advanced), Zapier, Webhook Integration, API Orchestration, Event-Driven Workflows, Meta Ads API, WhatsApp Business API, Google Sheets API, WordPress REST API.
Frontend	React.js, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Responsive UI/UX, JavaScript (ES6+), TypeScript.
Backend	Node.js, Express.js, PHP, Laravel, Python, RESTful API Design, Microservices, JWT, OAuth2.
Mobile	Flutter, React Native, iOS & Android.
Databases	MongoDB, PostgreSQL, Firebase, Real-time Data Sync.
DevOps / Cloud	Docker, Git/GitHub, AWS (EC2, S3, Lambda), CI/CD Pipelines, Linux, VPS Deployment.
SEO & Marketing	Programmatic SEO, Technical SEO, Google Analytics 4, Conversion Tracking, Meta Ads Optimization, A/B Testing, CRO, Google Trends API.
Platforms	WordPress, Shopify, Wix, Woo-commerce, Canva.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer & AI Automation Lead | [Dravinsindia — IT Division](#) Jul 2023 – Present | Uttarakhand

- Led a cross-functional development team of 5+ engineers, establishing enterprise-grade coding standards and technical roadmap across all product lines.
- Architected and deployed n8n-based autonomous workflow systems processing 1,000+ daily transactions, reducing manual data handling by 60% and cutting processing time from 4 hours to under 2 minutes.
- Integrated OpenAI GPT-4 and Claude APIs into internal business tools, enabling AI-assisted decision-making across operations, reporting, and client communication workflows.
- Founded and scaled an in-house digital solutions agency, onboarding 10+ B2B clients with custom AI-integrated full-stack web applications.
- Built RESTful API pipelines connecting Meta Ads, Google Analytics 4, WhatsApp Business API, and Google Sheets for real-time business intelligence dashboards.
- Deployed containerized applications using Docker and managed VPS infrastructure with automated deployment pipelines.

Full-Stack Web Developer (Internship) | [Edzu](#) Apr 2023 – September 2023 | Delhi

- Developed responsive web components using React.js, HTML5, CSS3, and JavaScript for an Ed-Tech platform.
- Optimized website performance by 20% through code splitting, lazy loading, and UX improvements in collaboration with design and product teams.
- Awarded Certificate of Excellence (ID: ED20004449) for outstanding performance.

WordPress Developer | [Galaxy Plus Security Solution](#) Apr 2021 – Mar 2023 | Delhi

- Developed, customized, and maintained WordPress websites to support business operations and online growth.
 - Designed responsive web pages using WordPress, HTML, and CSS, ensuring seamless user experience across devices.
 - Customized themes, plugins, and website functionalities based on business requirements.
 - Managed website content, updates, backups, and security to ensure reliability and performance.
 - Implemented on-page SEO best practices, improving search engine visibility and organic traffic.
 - Optimized website speed and performance, resulting in faster page load times and enhanced user engagement.
 - Diagnosed and resolved technical issues, minimizing downtime and ensuring smooth website operation.
 - Collaborated with marketing and management teams to develop landing pages and promotional web content.
 - Monitored website analytics and performance metrics to identify opportunities for improvement.
 - Ensured websites adhered to modern web standards, accessibility guidelines, and security practices.
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KEY PROJECTS & ACHIEVEMENTS

AI-Powered Lead Automation System [n8n · OpenAI GPT-4 · WhatsApp Business API · Meta Ads API]

- **Problem:** Manual lead response causing 60% lead loss due to 4+ hour response lag.
- **Solution:** Architected a 15-node n8n workflow — Meta Ads Web hook → GPT-4 lead scoring (structured JSON via function calling) → WhatsApp Business API personalized response. Deployed on VPS with Telegram error alerts and Google Sheets audit logging.
- **Results:** 25% increase in conversion rate | Response time: 240 min → 28 seconds | 40% increase in qualified leads

Programmatic AI-SEO Content Pipeline [n8n · Claude API · WordPress REST API · Google Trends API]

- **Problem:** Organic traffic stagnant; manual content creation unsustainable at required scale (100+ articles/month).
- **Solution:** Built an automated pipeline: Google Trends API → keyword extraction → Claude API prompt chain (title, body, meta, schema markup) → WordPress REST API auto-publish. Implemented content deduplication and SEO validation logic.
- **Results:** 200% organic traffic growth in 90 days | 500+ articles published | Ranked for 200+ high-intent keywords

Meta Ads AI Performance Dashboard [n8n · Claude API · Meta Ads API · Google Sheets]

- **Problem:** Manual ROAS tracking across 50+ campaigns caused delayed budget decisions and wasted ad spend.
- **Solution:** Built real-time n8n pipeline: Meta Ads API → Google Sheets sync → Claude API anomaly detection → automated budget adjustment alerts. Claude flagged under performing ad sets using custom ROAS thresholds and generated weekly narrative summaries.
- **Results:** 18% improvement in ad spend efficiency | 100% reduction in manual reporting hours | Real-time ROAS visibility

AI-SEO E-commerce Platform (DravinsIndia) [MERN Stack · OpenAI API · MongoDB · Node.js · React.js]

- **Problem:** 90% of vendor product listings rejected due to poor SEO and incomplete structured data.
- **Solution:** Developed a full-stack MERN e-commerce platform with an integrated AI-SEO module — on product upload, OpenAI API auto-generates optimized meta titles, descriptions, alt tags, and JSON-LD structured data. Built vendor dashboard, order management, and real-time inventory sync.
- **Results:** 90% reduction in listing time | 75% improvement in search visibility | 500+ vendors on boarded in first 3 months

EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (BCA)

IGNOU | 2025

Certifications

- **Full Stack Web Development Professional Certification** — [Edzu](#) (ID: ED20004433)
- **Certificate of Excellence & Outstanding Internship Performance** — [Edzu](#) (ID: ED20004449)
- **Claude 101 Certification** — [ANTHROP\C](#) (ID: 8ek2tcuv6z4x)
- **Claude Code 101 Certification** — [ANTHROP\C](#) (ID: 8ek2tcuv6z4x)
- **Certificate of Completion** – [n8n Course: No-Code AI Agent Builder](#) — [Simplilearn SkillUp](#) (ID: 10304649)

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Hindi (Native)
- **Availability:** Immediate Joiner | Open to Remote, Hybrid, and On-Site Roles
- **Leadership & Management:** Led client projects, coordinated with development teams, managed project timelines, and ensured successful delivery of AI and automation solutions
- **Specializations:** AI Agents, n8n Automation, Workflow Design, API Integrations, Full-Stack Development, LLM Applications
- **Core Competencies:** Leadership, Problem Solving, Critical Thinking, Client Relationship Management, Team Collaboration, Process Optimization
- **Professional Traits:** Entrepreneurial Mindset, Strong Ownership, Quick Learner, Adaptable, Results-Oriented
- **Interests:** AI Agent Development, Generative AI, Startup Ecosystems, Open-Source Automation Tools, Business Process Automation
- **Portfolio:** [r4joshi.com](#)