

ADITYA SINGH

Full Stack Developer | AI/ML & Automation Engineer

+91-6261665117 | singh09aaditya@gmail.com | Raipur, India | aadisng.in | [GitHub: adisng](https://github.com/adisng) | craftedsnippets.in | Available for Remote Freelance / Full-Time

PROFESSIONAL SUMMARY

Full stack developer and AI/ML automation specialist with hands-on experience building AI-integrated web apps, LLM-powered pipelines, and workflow automation systems. Founded CraftedSnippets Co., a freelance studio delivering AI-integrated web solutions to small businesses, shipping Next.js/FastAPI web apps, n8n automation, and machine learning-driven pipelines (Gemini, GPT-4o) — including a medical triage assistant that scored 93.93% at Google Prompt Wars 2025. Pursuing an MCA specializing in Machine Learning and AI. AWS Certified Cloud Practitioner. Comfortable owning a project end-to-end: client acquisition, architecture, deployment, and delivery.

TECHNICAL SKILLS

- **Languages & Core CS:** C++, Java, Python, JavaScript, TypeScript — Data Structures & Algorithms, OOP, Multithreading
- **Machine Learning & AI:** Machine Learning fundamentals, Natural Language Processing (NLP), Prompt Engineering, Sentiment Analysis, LLM Integration, Gemini API, OpenAI/GPT-4o API, Whisper Speech-to-Text
- **Web & Frameworks:** Next.js, React, HTML5, CSS3, Tailwind, REST APIs, Responsive Design
- **Automation & Workflows:** n8n, Webhook Design, Workflow Automation, API Integration
- **Backend & Data:** FastAPI, WebSockets, SQL (MySQL), NoSQL (MongoDB), JDBC
- **Cloud & DevOps:** AWS (EC2, S3, IAM), Google Cloud Run, Docker, Git, GitHub, GitHub Actions

EXPERIENCE

- Founder & Full Stack Developer** | CraftedSnippets Co. (craftedsnippets.in) 2025 – Present
- Founded and operate a freelance dev studio positioned around AI-integrated web solutions for small businesses, targeting UK-based clients.
 - Delivered a custom lens ordering website for a paid client using Next.js with Supabase/Neon, from requirements gathering through deployment on Hostinger.
 - Set up international payment infrastructure independently, including W-8BEN tax documentation to receive cross-border payments under the US–India tax treaty.
 - Built and manage a UK-facing outbound pipeline (cold email, portfolio case studies) to grow a small-business client base priced in GBP.
- Full Stack Developer (Intern)** | Aeternik Pvt Ltd Jan 2026 – Mar 2026
- Contributed as a full stack developer on live projects, working across frontend and backend development.
- Freelance Web Developer (Contract)** | Independent — Remote Clients Jan 2025 – Apr 2025
- Built a full-featured e-commerce website for a retail client (HTML5, CSS3, JavaScript) including product catalogue, shopping cart, and mobile-first responsive design, delivered on time and in scope.
 - Developed a service-based e-commerce platform for a local business client, integrating REST APIs for dynamic product listings, contact forms, and payment gateway hooks; improved page load speed via image optimization and refactoring.
 - Managed end-to-end client communication, requirements gathering, and cross-device QA across multiple projects, delivering production-ready sites with no revision disputes.

SELECTED PROJECTS

- Medical Triage Assistant** | Personal Project — Gemini 2.0 Flash, Google Cloud Run 2026
- Built an AI-powered triage assistant using machine learning-based classification that scored 93.93% at Google Prompt Wars 2025.
 - Added an Emergency Mode UI, PWA support, Search Grounding, and an expanded automated test suite.
- House Edge — 3D Blackjack** | Personal Project — blackjackv5.vercel.app 2026
- Designed and shipped a single-player 3D blackjack game with a six-deck shoe, chip-based betting, and a dealer-persona system, deployed on Vercel.
- Call Quality Monitoring & Alert System** | Personal Project — n8n Automation & AI Integration 2025
- Designed and deployed an end-to-end n8n workflow that transcribes recorded customer calls via speech-to-text APIs, eliminating 100% of manual transcription effort.
 - Integrated sentiment analysis and NLP-based scoring to rate agent behaviour and flag rude or unprofessional language using configurable threshold scoring.
 - Automated real-time email alerts to managers with transcription summary, sentiment score, and call metadata, backed by retry logic and error handling for pipeline reliability.

EDUCATION

- Master of Computer Applications (MCA) — AI/ML** | MATS University, Raipur, CG 2025 – 2027 (Expected)
- Relevant coursework: Machine Learning, Artificial Intelligence, Advanced Java, Web Technologies, Database Management Systems, Software Engineering
- Bachelor of Computer Applications (BCA)** | St. Vincent Pallotti College, Raipur, CG Graduated 2025
- Relevant coursework: Database Management, Web Technologies, OOP with Java, Advanced Excel

CERTIFICATIONS & LANGUAGES

- AWS Certified Cloud Practitioner — Amazon Web Services • English (Fluent), Hindi (Native)