

EMAMA NOOR

AI Automation Engineer | Agentic AI & LLM Systems

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EDUCATION

Bachelors Degree in Software Engineering

National University of Computer and Emerging Sciences | FAST

Aug 2022 - Jun 2026

Islamabad, Pakistan

PROFESSIONAL EXPERIENCE

AI Automation Engineer

FRACK Technologies

Jul 2025 - Jun 2026

Islamabad, Pakistan

- Built an HR automation suite for attendance and payroll management cutting HR Admin overhead by 90%.
- Engineered an aviation marketplace enabling Transworld Aviation to buy, sell and auction parts online.
- Delivered custom workflow automations from scoping to deployment for clients.

AI Automation Engineer

DijitalBrains

Jun 2025 - Jul 2025

Faisalabad, Pakistan

- Worked in a client-facing team delivering custom automations for US based clients.
- Shipped 10+ automations on n8n, from Trustpilot digests to live Reddit alerts.

PROJECTS

StaffSync n8n | Workflow Automation | Slack API | Supabase | Cron Scheduling

- Built an HR automation suite living in Slack, covering attendance, request routing and payroll.
- Let employees mark attendance and file requests in plain English, with auto-checkout as a safety net.
- Cut HR admin overhead by 90% and delivered salary slips to employees in under 60 seconds.

MondAI n8n | MCP | Anthropic | GraphQL | Prompt Engineering

- Built a conversational Monday.com assistant turning natural language into board actions over MCP.
- Handled item creation, updates, status queries and column setup through plain chat with error recovery.
- Onboarded new boards in under 2 minutes and cut failed API calls by 68% via validated mutations.

Codely Next.js | Groq SDK | Prisma | Monaco Editor | Vercel

- Generated unique coding problems in under 4 seconds by building a Llama 3.3 70B pipeline across 3 difficulty tiers.
- Evaluated submissions across 5 criteria in one LLM call by building a scoring engine with complexity analysis.
- Prevented solution leakage in 100% of hint requests by designing dual mode hints with prompt-level guardrails.
- Shipped full-stack to Vercel with under 2s cold starts by wiring 6 serverless routes to Groq, Supabase and Clerk.

LaunchMind Python | GitHub API | Slack API | Prompt Engineering | Render | Vercel

- Reduced idea-to-delivery time to under 90 seconds by orchestrating a 5-agent autonomous pipeline.
- Turned specs into a landing page by implementing an Engineer Agent with automated GitHub commits.
- Cut revision cycles by 40% by designing a self-correcting QA Agent that re-triggers underperforming agents.
- Achieved 99% uptime by deploying the React frontend on Vercel and the FastAPI backend on Render.

HONORS & AWARDS

Dean's List of Honors | Full Bright Scholarship

CERTIFICATIONS

AWS Cloud Quest: Cloud Practitioner

AWS Cloud Web Application Builder

English for Career Excellence (Sponsored by US State Department)

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript

AI & Automation: LangChain, LangGraph, CrewAI, n8n, MCP, Webhook Integration

Generative AI: RAG, Prompt Engineering, Context Engineering, FAISS, Pinecone, Chroma

Scraping & Data: Scrapling, Playwright, OpenCV, Redis, PostgreSQL, MongoDB, Supabase

Cloud & DevOps: AWS, Azure, GCP, Docker, GitHub Actions, CI/CD, Linux

Web: FastAPI, Next.js