

ASBAQ SAJJAD

AI Developer | AI Automation, Scripting & Agentic Systems
asbaqofficial@gmail.com | 0307 1766767 | linkedin.com/in/asbaq-sajjad | github.com/asbaq000

PROFESSIONAL SUMMARY

AI Developer specialising in automation, scripting and agentic systems. Builds production Python automation end to end — multi-platform data extraction pipelines across Instagram, YouTube, LinkedIn, X/Twitter, Threads and Upwork — alongside LLM agents, RAG retrieval and n8n workflow orchestration. Backed by full-stack delivery in Next.js, Node.js and PostgreSQL, and comfortable owning a system from scraper to API to deployment.

PROFESSIONAL EXPERIENCE

AI Developer — VideosGeeks

08/2026 – Present

- Own the company's automation stack end to end — Python scrapers, n8n orchestration and LLM steps — converting manual research and outreach prep into scheduled, hands-off pipelines.
- Built LeadForge, a unified multi-platform lead-generation engine now used as the team's primary prospecting pipeline (detailed below).
- Implement LLM agents and retrieval-augmented generation (RAG) pipelines over collected data to power search, lead enrichment and content workflows.
- Deploy and monitor automation services with structured logging and re-runnable jobs, so failed extractions recover without manual intervention.

AI Python Intern — Vortexian Tech (SMC-Pvt) Ltd

02/2026 – 04/2026

- Implemented core AI/ML workflows in Python at an early-stage AI tooling and automation startup — data preprocessing, model experimentation and API integrations.
- Collaborated through Git on production AI features shipped to real users.

MERN Stack Developer Intern — BearPlex

10/2025 – 12/2025

- Built full-stack features and RESTful APIs with MongoDB, Express.js, React and Node.js, using AI-assisted tooling (Cursor, Claude Code, GitHub Copilot) to ship faster.

AI & AUTOMATION PROJECTS

LeadForge — Multi-Platform Lead Generation Engine

Python, Playwright, Selenium, n8n, PostgreSQL

- Single engine that runs six platform scrapers — Instagram, YouTube, LinkedIn, X/Twitter, Threads and Upwork — in one orchestrated run, normalising and de-duplicating every source into a unified lead database.
- Handles authenticated sessions, pagination, rate limiting, proxy rotation and anti-bot countermeasures; scheduled in n8n so lead lists refresh on their own and feed straight into outreach.

Flow — Notion-Style Team Workspace

Next.js, PostgreSQL

- Internal Notion-style task manager with nested pages, boards and task tracking, giving the team one workspace to plan and track delivery.

SupportBot — Instructable AI Support Agent

React, Python, FastAPI, NLP, Docker

- Configurable AI agent that follows business-specific instructions to resolve routine customer queries end to end, with escalation logic that hands off to a human when a query falls outside scope.

CoreCast — Demand Forecasting Engine

Python, Scikit-learn, Pandas, Matplotlib

- Built and tuned time-series ML models, reducing forecast error by 15% through iterative data cleaning, feature engineering and model selection.

Moodmate — AI-Powered Teletherapy Platform

MERN, Node.js/Express, Python, React Native, OpenCV

- Solo-built a teletherapy platform with real-time audio/video calling and an OpenCV emotion-recognition pipeline surfacing user state during sessions.

TECHNICAL SKILLS

- **Automation & Scripting:** Python (Playwright, Selenium, BeautifulSoup, Requests), web scraping & data extraction, n8n workflow automation, scheduled jobs, REST API integration, session & proxy handling.
- **AI & Agentic Development:** LLM integration, AI agents, RAG pipelines, prompt engineering, Scikit-learn, OpenCV, AI-assisted development (Claude Code, Cursor).
- **Languages & Data:** Python, JavaScript/TypeScript, Java, SQL, PostgreSQL, MongoDB, Pandas.
- **Web & Infrastructure:** Next.js, React, Node.js, Express.js, FastAPI, Docker, Git, Tailwind CSS.

EDUCATION

Bachelor's in Computer Science — Government College University, Lahore

12/2022 – 12/2026

- Relevant coursework: Machine Learning, Artificial Intelligence, Data Structures & Algorithms, Database Systems, OOP, Web Development.