

MURK SIKANDAR CHANNA

GenAI Developer | Python Engineer | NLP & AI Automation | IT Educator

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PROFESSIONAL SUMMARY

Motivated IT graduate (CGPA 3.87, Silver Medalist) and certified AI/Python developer with hands-on experience building intelligent tools, NLP pipelines, and delivering technology training. Specialized in Generative AI, LLM-based applications, NLP, and Python development. Currently gaining industry experience across multiple concurrent internships spanning front-end AI engineering, NLP, and applied generative AI. Certified by Google, IBM, DataCamp, and freeCodeCamp. Passionate about making AI accessible through education and practical tooling.

INTERNSHIPS

Front-End AI Engineering Intern

Jul 2026 – Present

[FlyRank Corp.](#) | [Remote](#)

- Selected for a competitive Front-End AI Engineering internship cohort building AI-powered web experiences.
- Building front-end features that integrate AI capabilities, applying modern engineering practices and product thinking.

NLP Engineer Intern

Jul 2026 – Present

[Elevvo Pathways](#) | [Remote](#)

- Building and fine-tuning NLP pipelines using Python and LangChain for text classification and entity extraction.
- Developing LLM-based solutions to automate document understanding workflows.
- Applying transformer-based models and Generative AI techniques to real-world NLP challenges.

Generative AI Intern

Jun 2026 – Present

[Decode Labs](#) | [Remote](#)

- Collaborate with mentors on Generative AI projects covering model development and automation.
- Build and test AI-driven tools, chatbot solutions, and workflow automations.

WORK EXPERIENCE

Freelance AI & Python Developer

2022 – Present

[Self-employed](#) | [Upwork & Direct Clients](#) | [Remote](#)

- Built 10+ AI-powered applications including LLM document assistants, EEG classifiers, and web scrapers.
- Developed tools using Python, Streamlit, LangChain, FastAPI, Flask, Ollama, and OpenCV.
- Deliver custom Python and GenAI automation tools for Upwork clients, including resume analyzers, article generators, transcribers, and scrapers.
- Build GenAI workflows using LangChain, Ollama, and LlamaIndex; design reusable templates and onboarding guides.
- Create educational content on YouTube channel (PyNerd) covering AI projects and Python tutorials.

IT Trainer & Python Instructor

Jan 2024 – Jun 2025

[MIT Center Naushahro Feroze](#) | [Under NAVTTC Kamyab Jawan Program \(Govt. of Pakistan\)](#)

- Delivered specialized IT and Python training to DIT students under two NAVTTC-funded projects.
- Covered industry-relevant technologies including Python programming and Generative AI tools.
- Designed and delivered curriculum for emerging technologies including AI automation and prompt engineering.

COMMUNITY & AMBASSADOR PROGRAMS

Agentic AI Ambassador

Jun 2026 – Present

[MindHYVE.ai](#) | [Naushahro Feroze District](#)

- Serve as regional ambassador promoting MindHYVE's Agentic AI platform across the local student and professional community.
- Connect Pakistani students and professionals with Agentic AI tools spanning education, healthcare, and more.

Member

Jun 2026 – Present

- Active member of a community supporting women in technology.

EDUCATION

BS Information Technology — Silver Medalist | 2019 – 2022

Khan Bahadur Syed Allahando Shah Campus, University of Sindh, Naushahro Feroze

CGPA: 3.87 | Graduated with Silver Medal distinction

Intermediate — Pre-Engineering (Grade A) | 2018

Board of Intermediate & Secondary Education, Sukkur

Matriculation (Grade A1) | 2016

Board of Intermediate & Secondary Education, Sukkur

TECHNICAL SKILLS

Languages & Frameworks

Python	JavaScript	HTML/CSS	Bash	C++
Streamlit	FastAPI	Flask	Django	LangChain
Gradio	Tkinter	Kivy	OpenCV	Pandas / NumPy

AI / Data / NLP

Generative AI	LLM Integration	Ollama	Deep Learning	Signal Processing
Natural Language Processing	Speech Recognition	Whisper	PostgreSQL	Excel / Data Analysis

Tools & Practices

Git & GitHub	Web Scraping	REST APIs		
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CERTIFICATIONS

- Google — IT Support Professional (Coursera)
- Google — IT Automation with Python (Coursera)
- Google — Prompting Essentials (Coursera)
- Google — Operating Systems and You: Becoming a Power User (Coursera)
- IBM — Excel for Data Analysis (Coursera)
- DataCamp — Python & PostgreSQL
- freeCodeCamp — Responsive Web Design
- AI Fluency for Students — Certificate of Completion
- Design Prompts for Everyday Work Tasks
- Explore Emerging Tech
- Certificate in Information Technology (C.I.T) — Pakistan BaitulMaal Women Empowerment Centre, Naushahro Feroze
- Accounting & Entrepreneurship — NAVTTC Kamyab Jawan Program at IBA Community College

FEATURED PROJECTS

More projects on GitHub: github.com/murk686

NLP Document Understanding Pipeline (Elevo Pathways Internship) — Built and fine-tuned NLP pipelines for text classification, entity extraction, and automated document understanding using Python and LangChain.

Generative AI Chatbot & Workflow Tools (Decode Labs Internship) — Developed and tested AI-driven chatbot solutions and automation workflows as part of applied Generative AI research projects.

AI-Integrated Web Features (FlyRank Front-End AI Internship) — Built front-end features integrating AI capabilities into web applications, following modern engineering practices and product-focused design.

EEG Classifier with Deep Learning — Real-time EEG brainwave classifier using deep learning & ensemble modeling. Built with Streamlit visualization, preprocessing, noise filtering, and privacy-first architecture.

AIDocsmith — AI Documentation Generator — Automatically generates documentation from codebases using LLMs, AST parsing, and Streamlit. Stack: Python, LangChain, Streamlit.

DocMentor — Offline GenAI Document Assistant — Offline GenAI-powered Q&A tool for documents. Built for educators, researchers, and professionals requiring citation-backed answers without internet dependency.

AI YouTube Insight Studio — Converts YouTube lectures into structured learning resources: summaries, quizzes, analytics, and downloadable reports. Built with Python, Streamlit, Ollama, and ReportLab.

Agentic Research Assistant — Transforms academic papers into educator-ready content using GenAI agents — auto-generating summaries, quizzes, and structured learning materials.

Roman Sindhi Sign Language Recognition — Tkinter + OpenCV application that recognizes Roman Sindhi signs, enabling inclusive communication for the deaf and hard-of-hearing community.

Business Web Scraper (Google Maps) — Automated Python + Streamlit tool to extract and analyze business data from Google Maps at scale.

LANGUAGES

English | Urdu | Sindhi | Turkish (basic)