Nethmi Fernando

AI Engineer | NLP Engineer

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PROFESSIONAL SUMMARY

AI Engineer specializing in natural language processing, generative AI applications, and data-driven automation. Experienced in LLM integration, prompt engineering, semantic search, text classification, and production API development. Comfortable working with business users, product teams, and engineering teams to deliver practical AI features.

CORE TECHNICAL SKILLS

Python | spaCy | NLTK | Transformers | OpenAI API | LangChain | ChromaDB | Pandas | SQL | Flask | **Docker | Google Cloud**

PROFESSIONAL EXPERIENCE

AI/NLP Engineer – Blue Ocean Digital, Colombo

May 2023 – Present

Built a document summarization assistant for HR and legal teams using LLMs and retrieval augmented generation.

Developed sentiment analysis and topic classification pipelines for customer feedback from email and social channels.

Designed prompt templates, evaluation datasets, and quality checks to improve answer reliability.

Data Science Associate – Insight Lanka Research, Colombo

Jan 2022 – Apr 2023

Analyzed survey and customer datasets using Python, SQL, and Power BI.

Implemented clustering models for customer segmentation and campaign targeting.

Automated monthly analytics reports, reducing manual preparation time by 60%.

SELECTED AI PROJECTS

CV Screening Assistant

Created an AI workflow to parse resumes, rank candidates against job descriptions, and produce recruiter-friendly summaries.

Customer Email Classifier

Built a classifier to route support emails by urgency, product category, and sentiment.

Generated as an editable Word CV sample. All personal details are fictional.

EDUCATION

BSc (Hons) in Data Science – SLIIT, Malabe, 2021

G.C.E. Advanced Level – ICT Stream, Ave Maria Convent, Negombo

CERTIFICATIONS

Google Cloud Skills Boost: Generative AI Fundamentals

Hugging Face NLP Course

IBM Data Science Professional Certificate

TOOLS & PRACTICES

MLOps basics, model versioning, experiment tracking

API integration, Agile delivery, technical documentation

Model evaluation, error analysis, monitoring, retraining

LANGUAGES

English – Fluent

Sinhala – Native

REFERENCES

Available upon request.

Dummy CV generated for sample use. All personal details are fictional.