

Nisansala Perera

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Professional Summary

Python developer with experience in building AI-powered applications and web solutions. Skilled in Python frameworks, API development, and data engineering. Experienced with FastAPI, Streamlit, and deploying production-level projects. Passionate about learning new technologies, including LLMs and AI-assisted development workflows.

Education

Bachelor of Computer Science (Final Year)
University of [Your University], Sri Lanka – Expected 2026

Technical Skills

Programming & Frameworks: Python, FastAPI, Flask, Streamlit, basic LangChain, JavaScript, HTML, CSS

Data & ML Tools: scikit-learn, Pandas, NumPy, spaCy, NLTK, PyTorch

APIs & Web: REST APIs, basic microservice concepts, JSON handling

Tools & Platforms: Git, GitHub, Jira, Confluence, Power BI

AI & LLMs: Exposure to LLM-based workflows, prompt design, basic evaluation & structured outputs

Cloud & Deployment: Streamlit Cloud, Flask API deployment

Professional Experience

Data Science Intern | Genesiis Software (Pvt) Ltd, Colombo | Feb 2025 – Nov 2025

- Developed AI-based CV-JD comparison and scoring solutions using Python and Google Generative AI.**
- Built OCR web applications for extracting text from job postings using Streamlit and Flask.**

- Designed and implemented Python-based APIs for production-level projects.
- Worked in Agile teams, collaborated with development and IT teams, and documented tasks in Jira and Confluence.
- Conducted data analysis and reporting, prepared dashboards in Power BI.
- Researched Small Language Models (SLMs) and prepared analytical reports.

Projects / Academic Work

- CV-JD Matching System: Automated scoring using NLP and ML models.
 - OCR Text Extraction: Python web app to extract and structure text data from PDFs.
 - LLM Prompting & Evaluation: Designed simple prompt templates and scored outputs using test datasets.
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Key Achievements

- Successfully deployed production-ready AI applications during internship.
 - Gained practical exposure to API development, FastAPI, and Python-based microservices.
 - Balanced full-time internship with final-year university work.
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Soft Skills

- Analytical thinking and problem-solving
- Team collaboration and Agile workflow experience
- Quick learner, adaptable to new technologies and AI workflows