

# Tailored Resume

SAMUEL BEGIN

AI Developer

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## SUMMARY

Innovative AI Developer with expertise in integrating Large Language Models (LLMs) and developing scalable AI solutions. Proficient in Python, LangChain, and cloud platforms, with a strong focus on natural language processing, model optimization, and deploying production-ready AI applications. Passionate about leveraging AI to drive business innovation and solve complex problems.

## EDUCATION

M.Sc. Physics | Scott Christian College, Nagercoil | 2021-2023

B.Sc. Physics | NMC College, Marthandam | 2018-2021

## EXPERIENCE

Web Developer | AK Info Park Pvt. Ltd., Nagercoil | Jul 2023 – Present

- Integrated AI-driven features into CRM systems and APIs for enhanced functionality.
- Developed and deployed machine learning models to improve app security and user experience.
- Led a team of 3 to design and implement scalable AI solutions for mobile app deployment.

## SKILLS

Machine Learning & AI: TensorFlow, PyTorch, LangChain, OpenAI, Hugging Face, FAISS

Programming: Python, SQL, JavaScript, React.js

Frameworks & Tools: Flask, Django, FastAPI, NumPy, Pandas, Matplotlib

Cloud Platforms: AWS (EC2, S3, CloudFront)

Databases: MySQL, Firebase

MLOps: Model deployment, versioning, performance optimization

Soft Skills: Problem-solving, analytical thinking, public speaking

## PROJECTS

AI Drive – Document Writing Assistant | Oct 2024 – Nov 2024

- Developed an AI assistant using RAG, LangChain, FAISS, and OpenAI API for context-aware responses.
- Integrated SQL and FAISS for structured and unstructured data retrieval.
- Designed a low-latency React interface for enhanced user experience.

Ticket365 – Cab & Bus Booking App | Dec 2024 – Mar 2025

- Integrated real-time APIs for seat availability, timings, and routes.
- Implemented location mapping for accurate search results.
- Designed a scalable architecture for multi-provider data integration.

Falls Regency – Resort Agent App | Mar 2025 – Apr 2025

- Automated ID scanning using Tesseract OCR, OpenCV, and OpenAI.
- Reduced onboarding time by 80% through scalable AI solutions.

## CERTIFICATIONS

LangChain – KodeKloud

Applied AI with Hugging Face Transformers – LinkedIn

OpenAI GPT-3 for Developers – Infosys Springboard

Text Embeddings using LLMs – Infosys Springboard

Python for Data Science – Learnbay

## ACHIEVEMENTS

Resource Person at 5+ colleges, incl. Anna University-sponsored FDP at DMI College of Engineering.

NCC 'C' Certificate – Participated in All-India Advanced Leadership Camp.

Department Secretary (PG) – Coordinated intercollegiate symposiums and academic programs.

This tailored resume highlights Samuel's technical expertise, AI development experience, and alignment with the Generative AI Developer role requirements.