Tailored Resume

SAMUEL BEGIN
AI Developer | AI & GenAI Specialist

CONTACT:

beginsam004@gmail.com | +91 80564 62125 | www.samuelbegin.xyz |
LinkedIn: samuelbegin

SUMMARY

Innovative AI Developer with expertise in integrating Large Language Models (LLMs) using Python, Flask, and LangChain. Skilled in fine-tuning GPT and LLaMA models, backend development, and API optimization. Experienced in deploying scalable AI solutions on AWS and leveraging Hugging Face for rapid prototyping. Passionate about solving complex problems and driving AI innovation with production-ready solutions.

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

- Led a team of 3 to develop CRM systems, CMS, and APIs for mobile app deployment.

- Focused on app security, third-party integrations, and AI-driven features.

- Delivered client-tailored solutions leveraging AI, NLP, and ML.

SKILLS

Machine Learning Frameworks: TensorFlow, PyTorch, Scikit-learn

Programming Languages: Python, SQL, R

Data Processing Tools: Apache Spark, Hadoop

Cloud Platforms: AWS (EC2, S3, Route 53, CloudFront)

NLP & GenAI: LangChain, OpenAI, Hugging Face, FAISS

MLOps: Model deployment, versioning, performance optimization

Front-End: HTML5, CSS, Bootstrap, React.js

Frameworks: Flask, Django, Laravel

Databases: MySQL, Firebase

PROJECTS

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

- Automated ID scanning (Aadhaar, Voter ID, DL) for instant guest check-in using Tesseract OCR, OpenCV, OpenAI, LangChain, and Flask.

- Scalable for high-traffic events, reducing errors and achieving 80% faster onboarding.

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

- Developed AI assistant using RAG, LangChain, FAISS, and OpenAI API for context-aware responses.

- Integrated SQL + FAISS for structured/unstructured data retrieval.

7Nian – Food Delivery App | Jul 2024 – Sep 2024

- Designed REST APIs for core app features.

- Built automatic delivery agent assignment algorithm.

Rentla – CRM & CMS Enhancements | Nov 2023 – Mar 2024

- Developed user-friendly CRM to manage leads and streamline conversions.

- Integrated Zoho CRM via API for better data synchronization.

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