Tailored Resume

SAMUEL BEGIN

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

SUMMARY

Innovative AI Developer with expertise in integrating Large Language Models (LLMs) and fine-tuning GPT and LLaMA models. Skilled in backend development, API optimization, and deploying scalable AI solutions on cloud platforms. Experienced in natural language processing (NLP), machine learning, and MLOps. Passionate about 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
- Integrated AI and NLP features into CRM and CMS solutions, enhancing user experience and efficiency.
- Led a team of 3 to develop scalable APIs and ensure robust app security.
- Delivered client-tailored solutions leveraging AI, machine learning, and data-driven insights.

SKILLS

Technical Skills:
- Machine Learning: TensorFlow, PyTorch, Scikit-learn, Keras
- Programming Languages: Python, R, SQL
- Data Processing: Apache Spark, Hadoop, Pandas, NumPy
- Cloud Platforms: AWS (EC2, S3, CloudFront)
- NLP: LangChain, OpenAI, Hugging Face, RAG, FAISS
- MLOps: Model deployment, versioning, optimization
- Frameworks: Flask, Django, FastAPI

Business Acumen:

- Strong ability to translate technical concepts into actionable business insights.

- Experienced in stakeholder collaboration and requirement gathering.

Soft Skills:

- Problem-solving, analytical thinking, and effective communication.

PROJECTS

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

- Automated ID scanning using Tesseract OCR and OpenAI, reducing check-in time by 80%.

- Integrated LangChain and Flask for scalable AI solutions.

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

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

- Improved query resolution accuracy with customized prompts.

Pet Foodle – Pet Social Media & E-Com Platform | Aug 2023 – Nov 2023

- Designed APIs and algorithms for personalized content using NLP.

- Built e-commerce features for seamless pet product purchases.

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

This tailored resume highlights Samuel's relevant AI and machine learning experience, aligning with the Generative AI Developer role.