

Gokul Sathian

+1 226 899 5876 pullarikalgokul@gmail.com Toronto gokulsathian.github.io Gokul Pullarikal GokulSathian

Summary

- Software Engineer with 2.4 years of experience specializing in **AI/ML, NLP**, and **data-driven solutions** using **Python, SQL**, and **OpenAI APIs**.
- Proven ability in developing **RAG pipelines**, building **AI chatbots**, and leveraging **cloud platforms** (**GCP** proficient, **Azure** conceptual knowledge) for scalable deployments.
- Experienced in the end-to-end ML lifecycle from **prototyping** and **data processing** to deployment (**Docker, FastAPI**) and **cross-functional collaboration**.

Skills

Languages: Python, HTML, Linux, CSS, SQL, Javascript.

Database: MongoDB, Oracle SQL Developer, MySQL.

Cloud & Deployment: GCP, Azure, Docker, FastAPI, Flask, Git, Agile Methodologies.

Experience

Bill Gosling Outsourcing, AI Engineer (Dream Team Contributor) | IT Support Specialist

May 2024 to present
11 months

- Collaborated in AI 'Dream Team' to identify, design, and prototype **AI solutions**, contributing to business process automation initiatives.
- Developed and prototyped an **AI receptionist voice assistant** using **Python, Flask, OpenAI GPT API**, potentially reducing initial call handling time by est. **15-20%** for specific query types.
- Provide comprehensive IT floor support to agents, resolving hardware and software issues.
- Contribute to server maintenance activities and manage Face ID systems for security purposes.

INFOSYS, Systems Engineer

Mar 2019 to Jul 2021
2 year 4 months

- Developed and deployed **scalable backend systems** (supporting 50 internal users) using **Python, SQL, COBOL**, and **Linux** within an **Agile framework**.
- Increased system processing efficiency by **30%** through workflow automation using **Python scripting**.
- Engineered and optimized **data pipelines** processing over **10,000+ daily transactions** using **Oracle SQL**, ensuring high **data integrity**.
- Followed **Agile methodologies**, ensuring timely project deliveries and collaboration.

Education

PG Certificate in Big Data Analytics, Georgian College, Barrie, Canada

May 2023

- GPA: 8.4/10.0

PG Certificate in Artificial Intelligence, Georgian College, Barrie, Canada

May 2022

- GPA: 8.35/10.0

UG Bachelor of Engineering in Electronics and Communication, U.V of Calicut, Kerala, India

May 2018

- GPA: 7.3/10.0
- Top 10 National Project Award (**Quest Global Ingenium 2017**).

Memory Bot Conversational-Chatbot

FAISS, MongoDB, GPT

- Developed context-aware **AI chatbot** using **OpenAI GPT API** and **RAG** architecture, processing information from up to **50+ concurrent document sources**.
- Integrated **FAISS** vector search and **MongoDB** for efficient knowledge retrieval and storage.
- Engineered **NLP** pipeline for automated insight extraction from PDFs.
- Built secure authentication and admin dashboard managing **100+ user prompts**.
- Deployed application as a scalable microservice using **FastAPI**, **Docker**, and Streamlit.