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## SUMMARY

Experienced AI/ML Engineer with expertise in Generative AI, Large Language Models (LLMs), and deep learning. Skilled in frameworks like LangChain, Hugging Face, and OpenAI for developing scalable AI solutions. Proven track record in building AI-driven tools that enhance business efficiency and customer experiences. Strong experience in chatbot development, contract management, and HR automation systems. Passionate about solving complex problems with cutting-edge AI technologies.

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## TECHNICAL SKILLS:

- **AI/ML Development:** Python, Machine Learning Algorithms, Deep Learning, NLP, Hugging Face Transformers, OpenAI API, LangChain, CrewAI, TensorFlow, PyTorch, Prompt Engineering, RAG, Embedding Models, Vector DB, Gen AI and Large Language Model (LLM).
- **Model Deployment & Web Applications:** Azure Web Services, Docker, Flask, Azure Web Services, Google Cloud Platform (GCP), AWS, FastAPI and Azure OpenAI Services.

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## WORK EXPERIENCE

### Adople AI | AI/ML Engineer

#### AI/ML Engineer Intern

Feb 2023 - Apr 2024

#### AI/ML Engineer - Full Time

May 2024 - Present

- Implemented a customer support chatbot using Retrieval-Augmented Generation (RAG), significantly enhancing query response accuracy and efficiency.
- Collaborated with engineering and product management teams to integrate AI-driven features into software products, boosting user engagement and retention by 20%.
- Leveraged tools like TensorFlow, PyTorch, LangChain, and Azure Machine Learning to develop and deploy scalable, high-performance AI solutions.

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## PROJECTS

- **Contract Management System:** Developed an NLP-driven solution for contract tag extraction, summarization, and comparison using LLMs (Large Language Models) with embedding and vector DB.
- **HR Assist:** Created an AI-powered tool utilizing LLMs for resume parsing, job matching, and automated interview assessments with OpenAI GPT and machine learning libraries.
- **RAG Chatbot:** Implemented a chatbot with Retrieval-Augmented Generation (RAG) and LLMs, using Python and LangChain for effective querying across multiple document formats.

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## EDUCATION

### Master of Science in Computer Science - CGPA : 7.620

Government Arts College (Autonomous), Salem-7

2022-2024

### Bachelor of Science in Computer Science - CGPA : 7.580

Government Arts College (Autonomous), Salem-7

2019 - 2022