ABOUT ME

Divyajeet Pala

divyajeetpala@gmail.com

EDUCATION

MARWADI UNIVERSITY
B.Tech in Computer Eng. AI
2019 - 2023 | Rajkot, Gujarat
College of Engineering
Cum. GPA: 9.11

SNK
School
2019 | Rajkot, Gujarat
PCME percentage: 89.25%

REACH OUT

Profile: **Portfolio**
Github: **divpala1**
LinkedIn: **divyajeet-pala**

ACHIEVEMENTS

- First-Ranked Scholar of the AI
Branch at the University.
- Scholarship receiver for 4 consecutive years.

SKILLS

CONFIDENT
Python • AI - ML • Django • Podman • React JS • C++ • AWS S3 • Firebase • Scrapy

FAMILIAR
AWS EC2 • Java • C • MySQL Flask • HTML • CSS

COURSEWORK

UNDER GRADUATE
Deep Learning
Artificial Intelligence
Discrete Mathematics and Graph Theory
Probability and Statistics
Differential and Integral Calculus

EXPERIENCE

LEAP TECHNOLOGIES | Senior AI Full Stack Developer
2023–Present (2+ years)

AI-Powered HRMS Platform
- **Led the development** of an AI-driven Human Resource Management System (HRMS) to optimize recruitment workflows.
- Implemented **open-source LLMs** for resume parsing, candidate ranking, and job matching—significantly reducing dependence on external APIs.
- Designed and deployed a **Retrieval-Augmented Generation (RAG)** pipeline to improve contextual search and decision-making.
- Engineered a **secure, scalable backend** with Django and PostgreSQL; deployed on Azure using Podman containers.
- Tech Stack: **Python**, Django, DRF, PyTorch, FAISS, LangChain, PostgreSQL, Azure, Podman, Linux, GitHub

Agentic Server Management Platform
- Developed a **full-stack system** leveraging **AI agents** to manage server racks via natural-language commands.
- Enabled real-time monitoring of **rack status, network configurations** (VLAN/BGP/ACL), and hardware metrics.
- Built an **agentic chat interface** for executing complex server tasks, such as log collection and ACL verification.
- Integrated **open-source LLMs and SLMs** to power agent behavior.
- Tech Stack: **FastAPI**, Flask, Python, TailwindCSS, Alpine.js, Open-Source LLMs/SLMs, Linux

Media & Entertainment Intelligence System
- Built an **on-premise AI platform** integrating **vision-language models (VLMs)** for multimodal inference on image, video, and audio data.
- Architected and deployed **RAG workflows** for unstructured media retrieval and analysis.
- Designed **end-to-end pipelines**, including API development, vector search, and model integration.
- Tech Stack: **Django**, FastAPI, VLMs, Open-Source LLMs, RAG Architecture, TailwindCSS, Alpine.js, Linux, Git

WhatsApp Document Inference System
- Designed and deployed an **AI-powered document inference system** integrated with WhatsApp for professional teams.
- Enabled users to **upload and assign documents** to specific contacts who could then query them directly via WhatsApp.
- Developed a complete **custom RAG pipeline** from scratch using open-source LLMs—without frameworks like LangChain.
- Built with Django (frontend: HTML/CSS/JS, Tailwind, Alpine) and FastAPI (backend + WhatsApp webhook).
- Tech Stack: **Django**, FastAPI, Python, TailwindCSS, Alpine.js, Open-Source LLMs, WhatsApp API, Linux

SEZY | Full Stack AI Developer
2023 (1 year)

- Developed a **web app** to manage and process e-commerce data.
- Built **web scraping pipelines** (Scrapy, Selenium, BeautifulSoup) for data retrieval and analysis along with Image Processing.
- Tech Stack: **Python**, Django, Scrapy, Selenium, BeautifulSoup, Pandas, DeepImageSearch, MySQL