Dhyey Findoriya

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Education

Indian Institute of Technology Jodhpur, Jodhpur	**Oct 2022 - May 2026**
Bachelors of Technology in Electronics and Electrical Engineering with Minor in Management	GPA: 7.85
Dholakiya Public School, Rajkot, Gujarat	**May 2020 - June 2022**
Higher Secondary Education Certificate	Percentage: 81%
Masoom School, Rajkot, Gujarat	**May 2019 - April 2020**
Secondary Education Certificate	Percentage: 91%

Work Experience

Artificial Intelligence Internship　　　　　　　　　　　　　　　　　　**May 2025 - July 2025**
Cosgrid Networks　　　　　　　　　　　　　　　　　　　　　　　　　Chennai, TN, India

- Designed a full-scale ML system for network intrusion detection on the ISCXIDS2012 dataset, reaching 94% classification accuracy with Random Forest and XGBoost.
- Engineered GitHub-MCP, an LLM-driven system enabling natural language interaction with GitHub repositories via Model Context Protocol; reduced code search time by 60% and improved developer efficiency.
- Developed anomaly and threat detection dashboards with OpenSearch, analyzing over 20K+ WAF log entries; also automated SEO audits using Google Trends API.
- Deployed secure microservices with NATS and collaborated on chatbot development, improving team communication by 30%.

Technical Skills

Languages/Database: Python, C++, C, JavaScript, SQL, MATLAB
Frameworks: PyTorch, Scikit-learn, LangChain, FAISS, Streamlit, NumPy, Pandas, Matplotlib
Software & Tools: Git, Shell Scripting, Docker, Linux, OpenSearch, GitHub REST API, NATS, VS Code

Projects

Github-MCP　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Github**

- Devised a natural language interface leveraging the Model Context Protocol (MCP) and GitHub MCP server, enabling users to explore repositories 35% faster through conversational queries.
- Introduced 3+ OpenRouter-backed LLMs to process queries related to commits, issues, pull requests, branches, and file trees.
- Automated retrieval of 50+ repository metrics, improving metadata access time by 40% and enabling conversational exploration of codebases.
- Enhanced engineering workflows by eliminating manual API calls and integrating structured data access directly into dev pipelines.

ShieldNet　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Github**

- Architectured a modular machine learning pipeline for the ISCXIDS2012 intrusion detection dataset using Python, Scikit-learn, and Shell scripting.
- Benchmarked 15+ classifiers (including Random Forest, SVM, XGBoost) across 6 days of network traffic data, achieving AUC > 0.95 on top models.
- Integrated Google Sheets for dynamic result logging and emphasized reproducibility with parameterized scripts and clear GitHub documentation.

ChatPDF using RAG　　　　　　　　　　　　　　　　　　　　　**Github | Demo**

- Created a document-based chatbot using LangChain, Gemini-Pro LLM, FAISS vector DB, and the Retrieval-Augmented Generation (RAG) framework.
- Produced an interactive PDF search application with Streamlit, enabling users to pinpoint key insights from unstructured documents and accelerating data extraction workflows by approximately 60 minutes per document.

Position of Responsibility

Support Team Member - Placement Cell, IIT Jodhpur	June 2023 - May 2024
Public Relation Assistant Head - Prometeo IIT Jodhpur	Nov 2023 - Feb 2024

Achievements

- Opensource contribution into Scikit Learn(31539), Optuna(328).
- Contributed to ML libraries like Hugging Face, Optuna, and CrewAI.