

# Dhyey Findoriya

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## Education

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

## Work Experience

<b>Artificial Intelligence Internship</b>	<b>May 2025 - July 2025</b>
<i>Cosgrid Networks</i>	Chennai, TN, India
<ul style="list-style-type: none"><li>Designed a full-scale ML system for network intrusion detection on the ISCXIDS2012 dataset, reaching 94% classification accuracy with Random Forest and XGBoost.</li><li>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.</li><li>Developed anomaly and threat detection dashboards with OpenSearch, analyzing over 20K+ WAF log entries; also automated SEO audits using Google Trends API.</li><li>Deployed secure microservices with NATS and collaborated on chatbot development, improving team communication by 30%.</li></ul>	

## 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

<b>Github-MCP</b>	<a href="#">Github</a>
<ul style="list-style-type: none"><li>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.</li><li>Introduced 3+ OpenRouter-backed LLMs to process queries related to commits, issues, pull requests, branches, and file trees.</li><li>Automated retrieval of 50+ repository metrics, improving metadata access time by 40% and enabling conversational exploration of codebases.</li><li>Enhanced engineering workflows by eliminating manual API calls and integrating structured data access directly into dev pipelines.</li></ul>	
<b>ShieldNet</b>	<a href="#">Github</a>
<ul style="list-style-type: none"><li>Architected a modular machine learning pipeline for the ISCXIDS2012 intrusion detection dataset using Python, Scikit-learn, and Shell scripting.</li><li>Benchmarked 15+ classifiers (including Random Forest, SVM, XGBoost) across 6 days of network traffic data, achieving AUC &gt; 0.95 on top models.</li><li>Integrated Google Sheets for dynamic result logging and emphasized reproducibility with parameterized scripts and clear GitHub documentation.</li></ul>	
<b>ChatPDF using RAG</b>	<a href="#">Github</a>   <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Created a document-based chatbot using LangChain, Gemini-Pro LLM, FAISS vector DB, and the Retrieval-Augmented Generation (RAG) framework.</li><li>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.</li></ul>	

## Position of Responsibility

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

## Achievements

- Pull Request 31539 merged into Scikit-learn.
- Contributed to ML libraries like Hugging Face, Optuna, and CrewAI.