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## PROFESSIONAL SUMMARY

AI/ML Technical Consultant with over 1.6 years of hands-on experience in building real-world AI/ML solutions, threat detection systems, and intelligent automation tools. Skilled in fine-tuning large language models, deploying AI agents, and integrating cybersecurity measures using cutting-edge frameworks like LangChain, MCP, and Rasa. Adept in Agile Scrum environments using Azure Boards.

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## SKILLS

Programming Languages: Python, Java, SQL, JavaScript

Libraries & Frameworks: Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Rasa, LangChain, LangGraph, Smolagent, MCP

Tools & Platforms: Jupyter, VS Code, MySQL, Oracle SQL, MongoDB, Git, Docker, Kubernetes, AWS, PySpark, Azure Boards

Cybersecurity Tools: Nmap, Wireshark, Kali Linux, Burp Suite

Soft Skills: Problem Solving, Communication, Report Writing, Time Management, Project Ownership

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## PROFESSIONAL EXPERIENCE

Yakshna Technologies, Chennai, India

AI/ML Junior Technical Consultant | June 2024 – Present

- Designed threat detection AI models for anomaly prediction using system logs.
- Used MCP with Ollama models to automate PowerShell commands for proactive cybersecurity.
- Integrated ML capabilities into enterprise-grade platforms.
- Key contributor to product: [www.cytacs.com](https://www.cytacs.com)

AI/ML Consulting Trainee | December 2023 – June 2024

- Developed automated test case generator and LLM-based smart chatbots.
- Created FAQ chatbots using LangChain and Rasa for [www.tax2efile.com](https://www.tax2efile.com)
- Contributed to product development of [www.testwheel.com](https://www.testwheel.com)

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## EDUCATION

**B.Tech in Information Technology**

**IFET College of Engineering, Anna University, Villupuram, Tamil Nadu**

**GPA: 7.75 / 10**

**June 2019 – August 2023**

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## PROJECTS

- **Web Phishing Detection (2023) – [GitHub](#)**  
Built phishing site detector with ML; IBM SkillsBuild Team Lead (PNT2022TMID10819)
  - **Local LLM Project (2023) – [GitHub](#)**  
Deployed LLaMA 2 locally with llama-cpp-python & LangChain
  - **Web Search Assistant (2024) – [GitHub](#)**  
Built search-aware assistant using DuckDuckGo API and LLaMA 3.1
  - **MITRE ATT&CK Dataset Repository (2024) – [GitHub](#)**  
Curated datasets for security threat intelligence
  - **MCP with Local Models (2025) – [GitHub](#)**  
Agent-based system for Airbnb search using PraiseAI with Ollama
  - **ML Models Repository (Ongoing) – [GitHub](#)**  
Educational notebooks for ML algorithms
  - **LangChain FAQ Chatbot (2025) – [GitHub](#)**  
Intelligent chatbot with vector store retrieval and memory management
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## CERTIFICATIONS

- **Python Full Stack Developer – PySpiders (2023)**
- **Machine Learning A-Z™ – Udemy (2024)**
- **Deep Learning A-Z™ – Udemy (2025)**

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### ADDITIONAL INFORMATION

**Languages:** English, Tamil

**Hobbies:** Gym, Swimming, Running, Exploring IoT and Edge Devices

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### PUBLICATIONS / BLOGS

- "[Detecting Phishing Websites Using Machine Learning – A Hands-On Guide](#)" – Medium
- "How to Run LLaMA Models Locally" – Medium
- "Beginner's Guide to Cyber Threat Detection with ML" – Dev.to