LAKSHMI NARAYANAN P

AI / ML INTERN

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SUMMARY

A high-achieving B.Tech candidate in AI & Data Science with a 9.5 CGPA, offering a strong blend of academic knowledge and practical internship experience. I have demonstrated success in leading machine learning projects from concept to completion, utilizing Python, Deep Learning, and Computer Vision. I am prepared to leverage robust problem-solving skills and a passion for innovation in a dynamic AI & ML internship.

PROFESSIONAL EXPERIENCE

AI Intern | AUGURAI, Trichy Tamil Nadu **Jun 2025 – Jul 2025**

- Improved the fine-tuned Vision Language Model's (VLM) core metric (e.g., accuracy, response relevance) by 15% through targeted optimization for industrial applications.
- Contributed to the development and testing of 5+ advanced Generative AI and Computer Vision models, helping to validate their performance and reliability.

Machine Learning with Python Intern (Remote) | SkillForge E-Learning Solutions Pvt Ltd, India **Jun 2025 – Jul 2025**

- Built and deployed 3 distinct machine learning models from scratch, achieving an average predictive accuracy of 92% across all projects.
- Processed and engineered features from datasets containing over 50,000 records, enhancing model performance and predictive power.

Artificial Intelligence Intern (Remote) | Plasmid Innovation, India **Dec 2024 – Feb 2025**

- Engineered a Spam News Detection model using NLP that achieved 94% accuracy in identifying and classifying misleading online content.
- Optimized model performance by systematically tuning hyperparameters, resulting in a 10% reduction in prediction error and a 20% faster inference time.

Data Analytics Intern (Remote) | Internship Studio, India **Jul 2024 – Aug 2024**

- Analyzed and processed large datasets utilizing Microsoft Power BI to extract actionable insights.
- Developed interactive data visualizations and dashboards with dynamic filters to support data-driven decision-making.

PROJECTS

Handwritten Digit Recognition

- Implemented a Convolutional Neural Network (CNN) based on the LeNet-5 architecture using Keras and the MNIST dataset, achieving approximately 98% classification accuracy.

Breast Cancer Prediction

- Applied supervised machine learning algorithms including Logistic Regression, Random Forest, and SVM on the Wisconsin dataset to build a predictive model for cancer diagnosis and achived a accuracy minimum of 92%.

Automated Data Analysis Dashboard

- Built a real-time, interactive dashboard using Power BI, enabling dynamic data filtering and streamlined analysis for complex datasets.

SKILLS

- Vision Language Model (VLMs)
- Computer Vision (OpenCV)
- Machine Learning
- n8n Automation
- Deep Learning
- Generative AI
- Data Analysis
- Power BI
- Microsoft Office
- LLMs
- SQL
- Strategic Planning
- Data-Driven Decision Making
- Solution Oriented
- Rapid Skill Acquisition
- Versatility
- Cross Functional Collaboration

EDUCATION

Bachelor of Technology in Artificial Intelligence & Data Science **2023 – Present**

B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, TN

- Relevant coursework in Artificial Intelligence & Data Science.
- Current CGPA: 9.5/10.0

CERTIFICATIONS

- **Vision Language Models (VLM) Bootcamp (Grade: 100%)**, OpenCV University
- **n8n: A Complete Guide to the Automation Tool**, Analytics Vidhya
- **Artificial Intelligence Workshop**, Techgyan Technologies, IIT Madras
- **Google AI Essentials**, Coursera
- **The Complete Python Bootcamp From Zero to Hero in Python**, Udemy
- **Data Visualization using Advanced Microsoft Power BI**, Skill Nation
- **Microsoft Excel: The Excelerator Program**, Skill Nation

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.