Akshay D

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LinkedIn | GitHub

Summary

Enthusiastic and detail-oriented student with a strong foundation in Machine Learning, seeking an internship to apply academic knowledge and develop practical skills in a dynamic environment. Proficient in TensorFlow, PyTorch, and Scikit-learn. Strong problem-solving, analytical thinking, teamwork, and communication skills. Dedicated to delivering high-quality work, learning new technologies, and achieving professional growth.

Education

St. Joseph's College of Engineering   B.Tech in Artificial Intelligence and Machine Learning (2023 - 2027)
Vision PU College   PCM + Biology
- Total Percentage: 77% — Core Subjects: 86.25%

Experience

Codesoft   Machine Learning Intern
- Improved model accuracy by 15%.

Edu-versity   Industrial Training - Machine Learning
- Optimized workflows by 20%.

Blue Stocks   Software Development Intern
- Reduced server response time by 30%.

Achievements

- Ranked among top participants in Global Datathon by IBM.
- Built a predictive model in Mapthon by IIT Bombay.
- Developed optimized ML models in FedEx challenge by IIT Madras.
- Designed innovative ML solutions in HackIndia.
- Recognized in Road Safety Challenge by NHAI.

Projects

Personalized Meal Recommendation System   June 2024
- Built an ML model for diabetes management with 90% accuracy.
- Integrated APIs for CGM and nutrition data processing.

Cancer Detection Model   May 2024
- Developed a binary classification model with 95% precision.
- Processed hospital datasets, improving preprocessing by 25%.

Web3 Subscription Platform for Exclusive Content
- Developed a decentralized subscription-based content platform.
- Enabled creators to monetize exclusive content using blockchain.

Integrated Geo-Referenced Fish Catch Data Repository and Access System
- Developed a fish stock prediction system using live data.
- Implemented Google Heat Maps for visualization.
- **Patent Granted** for the system.
- Published research paper on the methodology.

Company

Matsay N   Founder
- Leading a startup focusing on sustainable fisheries and AI-powered prediction systems.
- Developing technological solutions for real-time fish stock tracking.

Skills

Programming: Python, C++, Java
Tools: Jupyter Notebook, Git
Cloud: AWS SageMaker
Machine Learning: TensorFlow, PyTorch, Keras, Scikit-learn, Pandas, NumPy
Soft Skills: Problem-Solving, Analytical Thinking, Teamwork, Communication