

VISHNU ANAND

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PROFILE

- Data Science and AI Engineer with experience building LLM-powered agents, predictive ML models, and scalable data pipelines.
- Skills: Python, SQL, Tableau and AWS; Strong foundations in machine learning, NLP, and business analytics.

EDUCATION

Purdue University, Daniels School of Business

Master of Science in Business Analytics and Information Management

West Lafayette, IN

August 2025

PES University

Bachelor of Technology in Computer Science Engineering

Bengaluru, Karnataka

August 2022

PROFESSIONAL EXPERIENCE

Care.com

Remote

Full Stack Engineer, Applied AI Engineering - Intern

May 2025 - Present

- Developed and extended full-stack services in Java Spring Boot, building versioned RESTful APIs with PostgreSQL, Kafka, and MCP tooling to enable modular architecture and legacy system integration.
- Accelerated development workflows by implementing AI-driven tooling with Cursor and LLMs, streamlining code generation, documentation, and system design using ERDs and modern prompt engineering techniques.

Prediction Guard

West Lafayette, IN

AI Engineer/Researcher – Intern

January 2025 – May 2025

- Engineered LLM-powered AI agents to automate lead qualification, demo scheduling, and follow-ups in B2B sales pipelines achieving 2–3x increase in lead engagement, 65% reduction in sales cycle time, and significantly lower cost per qualified lead.
- Collaborated cross-functionally with Prediction Guard's R&D team to refine agent performance benchmarks against human-led processes.

Cognizant Technology Solution Pvt Ltd India

Bengaluru, Karnataka

Programmer Analyst

September 2022 – February 2024

- Automated end-to-end data pipelines using Python, SQL, and Shell to process ~1TB of monthly sales data, improving script efficiency by 50% and doubling SLA compliance through robust quality checks and delivery automation.
- Optimized data reliability and uptime by engineering contingency workflows and monitoring logic, reducing delay incidents by 50% and ensuring timely resolution of corrupt or incomplete datasets.

Programmer Analyst Trainee - Intern

Bengaluru, Karnataka

January 2022 – September 2022

- Completed hands-on technical training on Microservices, Spring Boot, JavaScript, React, and AWS, gaining full-stack development experience through lab simulations and project work.

PROJECTS AND PUBLICATIONS

- **Predicting Airbnb Superhost Status using ML:** Built predictive models (Random Forest, GBDT) and used DiD analysis to evaluate Superhost program efficacy; delivered business recommendations.
- **Note-ing Hill (Research Project):** Developed Android app using OCR, speech recognition, and text summarization; co-authored academic paper on AI-driven learning tools.
- **Burlington Ecommerce Analysis:** Conducted sales and web traffic analysis using SQL, Tableau, and Python to recommend strategies for digital growth
- **Kaggle Data Mining Competition:** Placed 3rd by building neural networks for predicting loan default with feature engineering and hyperparameter tuning.
- **Why is Airbnb So Popular?:** Explored Airbnb popularity factors using Tableau dashboards and interactive visualizations; highlighted key drivers of host engagement and booking trends in the U.S.

