HARUN KUMAR BANSODE

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Recent master's graduate in Information Systems & Technology with strong fundamentals in Python, data analysis, and problem-solving. Completed academic and personal projects in automation and machine learning. Seeking an entry-level opportunity to apply my technical skills, learn from experienced professionals, and contribute to team success.

TECHNICAL SKILLS

- Programming Languages: Python, SQL
- Frontend Technologies: HTML, CSS, Bootstrap
- Frameworks: React.js, Django, Three.js, Pytorch
- Machine Learning: Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering: K-Means, DBSCAN), Model Evaluation Metrics
- Libraries: Pandas, Matplotlib, NumPy,
- Tools & Technologies: Git, GitHub, Jupyter Notebook
- Concepts: Data Structures, Algorithms, OOP, Databases
- Data & Analytics: Data Cleaning, Data Analysis, Basic Machine Learning
- Other Skills: Problem Solving, Debugging, Automation

EDUCATION

Wilmington University, Wilmington, DE

M.S. in Information Systems & Technology   2023 – 2025
Related Courses: Data Structures & Algorithms, Machine Learning, Database Systems

Jawaharlal Nehru Technological University, India

B.Tech in Computer Science & Engineering   2017 – 2021

PROJECTS

Email Classification System with NLP & UI

- Developing a machine learning pipeline to classify emails using NLP techniques.
- Performing data preprocessing, feature extraction, and model training to improve classification accuracy.
- Designing and integrating a user interface to allow easy interaction and real-time email classification.
- Applying Python and NLP libraries to handle unstructured text and generate actionable insights.

Technologies: Python, Pandas, Scikit-learn, NLP, Jupyter Notebook, Streamlit / FastAPI (UI)

Mini ChatGPT (Transformer-Based Conversational AI)

- Implemented a GPT-style transformer model inspired by Andrej Karpathy's educational deep learning approach.
- Built tokenization, attention mechanisms, and next-token prediction training pipeline using PyTorch.
- Generated text responses using autoregressive language modeling.

Technologies: Python, PyTorch, NumPy, Tokenization, Deep Learning, Jupyter Notebook, Git, Streamlit

Wedding Decoration Website

- Developed a modern, responsive website using Next.js 16 (App Router) and Sanity CMS, including dynamic content management with Sanity Studio for products, galleries, and pages.
- Optimized images with next/image and the Sanity image pipeline for faster load times and improved SEO.
- Implemented TypeScript and Tailwind CSS for type safety and clean, responsive styling.
- Configured GitHub Actions for CI/CD and deployed on Vercel.

Technologies: Next.js 16, React, TypeScript, Tailwind CSS, Sanity CMS & Studio, next/image, GitHub Actions, Vercel

CERTIFICATION

Machine Learning Specialization - Coursera (Andrew Ng, DeepLearning.AI)
Deep learning: Getting Started – LinkedIn Learning (Kumaran Ponnambalam)