Danish Ahmed

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EDUCATION

Bachelor of Technology in Computer Science Engineering
PES UNIVERSITY, Bangalore, May 2025

SKILLS SUMMARY

- **Languages:** Python, Java, C++, SQL, HTML, CSS
- **Databases/OS:** MySQL, PostgreSQL, Linux, Windows, MacOS
- **Machine Learning:** Supervised Learning, Unsupervised Learning, NLP, Computer Vision
- **Libraries:** Pandas, Numpy, Matplotlib, Sci-kit learn, Pytorch, Tensorflow, seaborn
- **Frameworks/Tools:** Power bi, Tableau, Flask, Hadoop, Git, GitHub, Google Colab, Jupyter, Spyder, VSCode, Cursor AI
- **Soft Skills:** Critical Thinking, Problem-Solving, Effective Communication

WORK EXPERIENCE

Python Automation Intern | Wipro Limited, Bangalore (Link) March 2025 –June 2025

- Automated **30+** test scripts for **Ford's Sync-4 infotainment system**, raising testing accuracy by **40%**
- Reduced manual test hours by 50% through targeted feasibility analysis, resulting in optimized resource allocation.
- Participated in code reviews, team syncs, and collaborative documentation to streamline delivery and code quality.

PROJECTS

1. **End-to-End Machine Learning and Data Science Projects**
   - Created modular, reusable ML pipelines (CatBoost, Flask/Streamlit) covering ETL, data prep, versioning, deployment.
   - Automated model tracking/logging, cut pipeline errors by ~30% and improved reusability.
   - Managed 2–3 live model deployments supporting real-time predictions/visualization.
2. **Chicken Disease Classification**
   - Built image classifier (CNN + Transfer Learning with VGG16) for 5+ disease classes; achieved 92%+ validation accuracy.
   - Developed and deployed a Flask web app in Docker; reduced manual vet identification time by 70%.
   - Automated data preprocessing and evaluation using TensorFlow, OpenCV, GitHub Actions.
3. **Flat Price Prediction**
   - Engineered and processed 10,000+ housing records; converted 100% of categorical/text data to numeric features.
   - Developed and compared models: Linear Regression, Lasso, Decision Tree (raised accuracy by 12%).
   - Delivered a model with $R^2 = 0.82$, increasing predictive power for business use cases.
4. **NLP Text Summarization via Transformers**
   - Implemented extractive and abstractive summarization (BART/T5), serving 1000+ news articles daily.
   - Automated data cleaning, tokenization, and inference; reduced summarization time from 10min to under 20sec per article.
   - Deployed as a Flask web interface; integrated user-friendly result displays.

CERTIFICATION AND ACHIEVMENTS

- **Complete Data Science, Machine Learning, DL, NLP Bootcamp by UDEMY**
- **Excel Power Tools Master Formulas, Automation & Data Analys by UDEMY**
- **Mastering Data Cleansing by UDEMY**
- **Secured DAC Scholarship 3 Times**.
- **Full Stack Development: In-depth hands-on training with Flask, React.js, REST APIs, MySQL**