AISHWARY ANAND

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PROFESSIONAL SUMMARY

Adaptable Computer Science student with a proven ability to engineer robust ML solutions from concept to deployment. Passionate about reducing system complexity and applying data-driven insights to solve challenges in financial technology and risk management. An entrepreneurial and collaborative problem-solver who has improved model performance by 12% and system efficiency by 38% in key projects. Eager to contribute technical skills within a fast-paced, agile environment.

EDUCATION

BMS College of Engineering — Bengaluru, India

Bachelor of Technology in Computer Science and Engineering (Data Science) — 2022 – 2026

CGPA: 7.5/10.0

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Deep Learning, Operating Systems, Database Management Systems

Delhi Public School (CBSE) — Patna, India

Higher Secondary Education — 2020 – 2021 — **Grade:** 86%

Secondary Education (Class 10) — 2018 – 2019 — **Grade:** 85%

PROFESSIONAL EXPERIENCE

Machine Learning Intern | **Kashylitics** — *July 2025 – September 2025*

- Engineered a scalable evaluation pipeline for LLMs, enabling data-driven decisions on model performance and strategic deployment.
- Reduced manual testing efforts by developing an automated test generation and scoring system using Python and ML frameworks.
- Operated within an agile delivery model, collaborating in daily standups with cross-functional teams to integrate and deploy scalable ML solutions.

PROJECTS

Medical Image Augmentation System — *2025*

Technologies: Python, PyTorch, Computer Vision, Deep Learning

GitHub: Medical Image DDPM

- Improved diagnosis rates for rare conditions by 12% (F1-score) by generating synthetic medical images with a DDPM, addressing critical class imbalance.
- Reduced model complexity and training time by 38% through optimized noise scheduling, parameter tuning, and parallel processing techniques.
- Engineered an end-to-end solution for large-scale image processing, from data ingestion to augmented dataset delivery.

Real-Time Text Prediction System — *2024*

Technologies: Python, TensorFlow/Keras, Natural Language Processing

GitHub: LSTM Text Completion

- Delivered a real-time text prediction feature with 94% accuracy, enhancing user experience for content creation applications.
- Architected an LSTM neural network trained on a 5M+ word corpus, balancing high accuracy with low-latency performance.
- Implemented a scalable data pipeline capable of handling large-scale text datasets with efficient memory management.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, Go, SQL

Machine Learning & AI: PyTorch, TensorFlow, Scikit-learn, Keras, HuggingFace Transformers

Data Science & Analytics: Pandas, NumPy, NLTK, OpenCV, Matplotlib, Seaborn

Databases: MySQL, MongoDB, Hadoop, Apache Cassandra

Tools & Technologies: Git, GitHub, Docker, Jupyter, VS Code, Unix/Linux

Frameworks: Proficient in ML and data pipelines; currently expanding exposure to enterprise-scale frameworks and infrastructure design.

ADDITIONAL INFORMATION

Languages: English (Proficient), Hindi (Native)

Areas of Interest: Machine Learning, Financial Technology, Deep Learning, Distributed Systems, Software Engineering