

YASH AGGARWAL

+91-8595644952 yashaggarwal812@gmail.com
linkedin.com/in/yashaggarwal0812 github.com/yashxagg

Education

Vellore Institute of Technology, Bhopal

Sep 2022 – Jul 2026

B.Tech in Computer Science and Engineering (AI & ML), GPA: 7.9

National Victor Public School, Delhi

Apr 2020 – Mar 2022

Higher Secondary School; Percentage: 82%

Technical Skills

Languages: Python, SQL

Libraries & Tools: PyTorch, SciKit-Learn, Pandas, NumPy, Power BI, Tableau

Expertise: Data Science, Machine Learning, Database Management

Experience

AI/ML Intern

Oct 2024 – Dec 2024

Intellivate Technologies Pvt. Ltd., Noida

- Worked in the AI vertical focusing on software development, machine learning, automation pipelines, and data analysis.
- Developed AI-driven modules, optimized existing ML workflows, and contributed to model training, validation, and performance evaluation.
- Collaborated with the engineering team on integrating ML components into production-level software systems.
- Built data preprocessing pipelines and assisted in creating dashboards for insights and internal reporting.

Projects

RetailWise - Data-Driven Stock Management – Developed an AI-powered retail analytics system with real-time sales and inventory pipelines, optimized database schema, and an LLM-based query interface enabling 15% quicker supply chain decisions.

AgriVision - Smart Farm System – Built an agriculture decision-support platform featuring soil health analysis, crop recommendations, subsidy guidance, and weather forecasting with a clean dashboard for farmer accessibility.

Water Level Indicator – Created a computer vision model using 200+ labeled tank images to detect water levels (Empty/Mid/Full), enabling real-time monitoring and overflow prevention through automated alerts.

Stock Forecast App – Implemented an LSTM-based stock prediction system with engineered time-series features, trend forecasting, evaluation metrics, and interactive visualization dashboards in Python.

Certifications

- Google AI Essentials
- IBM GenAI
- Oracle Data Science Professional
- Google Data Analytics
- Applied Machine Learning (Coursera)
- Tata Forage GenAI Simulation
- Cisco Data Analytics Essentials

Extra-Curriculars

Hostel Committee Member

Core Member, Inter-University AI Club