Ashutosh Jaid

Aspiring Developer & Quantum Enthusiast

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GitHub | LinkedIn |

EDUCATION

B.Tech in Artificial Intelligence And Data Science — 2023 – 2027
SPPU - VPKBIET, Baramati — *SGPA: 7.5/10*

Higher Secondary Education (XI-XII) — 2021 – 2022
LBS Senior collage , Partur — *Percentage: 74.30%*

Secondary School Education (X) — 2019 – 2020
LBS High School, Partur — *Percentage: 90.80%*

SKILLS

- **Languages:** C++, Python, PHP, MySQL, MongoDB
- **Cloud Platforms:** AWS
- **DevOps:** Docker, CI/CD ,AWS
- **Tools:** Git, GitHub, Jupyter, Streamlit, LaTeX, BeautifulSoup, Scrapy

- **Libraries:** NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn
- **Soft Skills:** Problem Solving, Critical Thinking, Team Collaboration, Communication, Leadership
- **Languages Known:** English, Hindi, Marathi

PROJECTS

1.Smart Accident Detection System — Sept 2023 – Apr 2024
Arduino, C++, SIM800L, GPS, MPU6050, Vibration Sensor

- Developed a real-time accident detection system using Arduino, integrating GPS, accelerometer, and vibration sensors.
- Sent automatic emergency alerts with location via SMS using SIM800L GSM module upon detecting crashes or abnormal motion.
- Added manual trigger functionality and optimized sensor fusion for higher accuracy and false-positive reduction.

2.Personalized Mental Health Detection System — Jan 2025 – April 2025
Python, XGBoost, Flask, HTML/CSS, Pandas, Jupyter Notebook

- Built a machine learning model using XGBoost to predict early signs of stress, anxiety, or depression based on user input (sentiment score, HRV, sleep, activity, demographics).
- Engineered features and generated synthetic training data to improve prediction accuracy and model robustness.
- Developed a Flask-based web app with a chatbot that offers personalized mental wellness suggestions based on prediction results.

3.Fact Checker AI for Real-Time News Verification — May 2025 – June 2025
Python, Flask, Groq (LLaMA 3), NewsAPI, HTML/CSS/JS ,MySQL

- Developed an AI-powered fact-checking tool that verifies real-time user claims against live news data using Groq's LLaMA 3 model and NewsAPI integration.
- Built a Flask-based web interface to allow users to input statements and receive AI-generated fact-verification results with relevant news links.
- Implemented rate limiting, prompt filtering, and dynamic caching to ensure stable performance on free-tier APIs.

TECHNICAL EXPERIENCE

Web Development Intern - Suvidha Foundation — May 2025 – July 2025
NGO — *Remote*

- Designed and developed a responsive web dashboard to display insights for a mock social media client using HTML, CSS, and JavaScript.
- Presented key findings through slide decks and recorded video demonstrations tailored for internal stakeholders.

ACHIEVEMENTS

- Three-time gold medalist in the Science Olympiad Foundation (SOF), LBS School (2018–2020).
- Selected to represent college at the SHI Hackathon, VPKBIET (Oct 2024).
- 1st prize in a cartooning competition at VPKBIET for creative skills (Feb 2025).