

Anushka Sharma

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EDUCATION

Manipal University Jaipur

B.Tech in Information Technology (CGPA: 8.85)

Jaipur, India

Expected: June 2026

EXPERIENCE

AI Research Intern

Feb 2025 – June 2025

Five Minutes Auro Hosting

Chennai

- Built scalable ETL data pipelines using **Python, PySpark, and distributed systems**, handling 2TB+ daily
- Integrated **LoRA fine-tuning** and **RAG techniques**, improving LLM inference by 35%, reducing hallucinations
- Architected backend functionality for knowledge base using **RAG, tool calling**, and **LLM selection** for voice agent with FastAPI
- Created backend services using **Python, FastAPI, Node.js**, integrating **Whisper ASR, Silero VAD**
- Optimized **transformer-based NLP models**, reducing inference time by 40% with GPU caching

Web Development Intern

June – July 2024

Huplus Market Innovations Pvt Ltd

Remote

- Engineered responsive web app using **JavaScript, React**, increasing mobile conversions by 45%
- Delivered 12+ scalable UI components, improving feature delivery speed by 30% and reducing frontend bugs

PROJECTS

AIRA – Mental Health Buddy | DeepFace, WebRTC, LLM, OpenCV, Flask, NLP

2025

- Designed real-time mental health monitoring app using **DeepFace** and **WebRTC**, analyzing facial expressions with 89% accuracy
- Integrated **LLM-powered** conversational AI for personalized mood assessment, processing 500+ daily journal entries

AI Job Recruiter Voice Agent | Python, LLM, Speech-to-Text, NLP, FastAPI, JD Parser

2025

- Engineered intelligent recruiting system with JD parsing and voice-based interviews, reducing screening time by 60%
- Integrated LLM scoring engine and speech processing modules for evaluating 200+ applicant responses daily

SAP FICO Data Validation & Analytics Suite | SAP S/4HANA, Python, Power BI, Pandas, Tax Logic

2025

- Developed data validation engine integrating **SAP FICO modules** and **Python-based tax rules** for automated compliance
- Designed **real-time dashboards** in **Power BI** showing GL status, tax mismatches, and document flow insights
- Reduced financial reconciliation time by **25%** using integrated reporting pipeline

SAP Freight Invoice Verification – 3-Way Matching | SAP S/4HANA, FICO, GR/IR, Python, Power BI

2025

- Implemented 3-way match logic for **freight invoice verification** across **PO, Goods Receipt (GR), and Invoice Receipt (IR)** in SAP FICO
- Built automated matching engine and flagged mismatches via **Python + SAP BAPI integration**
- Developed stakeholder dashboards for discrepancy resolution using **Power BI + SAP Connector**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, C

SAP ERP: SAP S/4HANA, SAP Analytics Cloud, Business Process Modeling, Fiori (familiar), ABAP (familiar)

Machine Learning & AI: LoRA, RAG, NLP, Computer Vision, DeepFace, HuggingFace, BERT, DistilBERT, Whisper ASR, PyTorch, TensorFlow, OpenCV, Agentic AI

Backend & APIs: FastAPI, Node.js, RESTful APIs, WebRTC, Speech-to-Text

Frontend: React.js, Tailwind CSS, HTML/CSS, JavaScript, Streamlit

Databases & Tools: MySQL, MongoDB, Docker, Git

Cloud & DevOps: Kubernetes, PySpark, ETL Pipelines, Distributed Systems

Data Science: Statistical analysis, SHAP, Data Visualization, Power BI, Plotly, Pandas, NumPy, Scikit-learn

CERTIFICATIONS

SAP Business Analyst Specialization, SAP

2025

SAP S/4HANA Financial Accounting Overview, [LinkedIn](#)

2025

Generative AI, [Google Cloud](#) | **Deep Learning Fundamentals**, [NVIDIA DLI](#)

2025

Architecting with Google Kubernetes Engine Specialization – [Google Cloud](#)

ML on AWS, [Amazon Web Services](#)

2025

MLOps (ML Engineering), [DeepLearning.AI](#) | **Structured Problem Solving**, [Fractal Analytics](#)

2024

LEADERSHIP & ACTIVITIES

Dean's List (Semester IV, V & VI); Merit Scholarship Recipient

Student Placement Coordinator, IT Department