

ABBAS TATI

Data Scientist | Machine Learning & AI Engineer | NLP & Deep Learning Specialist

Contact No: +917976538046 | **Email Id:** tati.abbu27@gmail.com | **Github:** <https://github.com/abbastati27>
LinkedIn: <https://www.linkedin.com/in/abbas-tati/> | **Portfolio:** <https://abbastati27.github.io/portfolio/>

SUMMARY

Data Scientist with hands-on experience in building and deploying ML, DL, NLP, and LLM-powered applications. Skilled in Python, TensorFlow, LangChain, and cloud platforms. Experienced in end-to-end project development, from data preprocessing to production deployment.

WORK EXPERIENCE

Software Developer Intern | Bharti Airtel Ltd., Gurugram, Haryana **Feb 2024 - April 2024**

- Engineered 50+ automated unit and integration tests for a large-scale enterprise platform, improving test coverage by 30% and ensuring code reliability.
- Optimized backend services by integrating structured logging and monitoring tools, reducing debugging time by 25%.
- Collaborated with a 10+ member team to deliver features, code reviews, and enhance performance.

PROJECTS

CareerPathAI — Career Counselor Bot **July 2025 - August 2025**

- Description:** Developed an LLM-powered chatbot using Python, LangChain, and GPT-4 to provide personalized career guidance, course/job recommendations, an interactive chat interface for students.
- Key Features:** LLM-Powered Counseling | Smart Recommendations | Course & Job Fetching | Interactive UI
- TechStack:** Python, LangChain | OpenAI GPT-4 | Streamlit | REST APIs | Docker

CricVision – IPL Match Outcome Predictor **June 2025 – July 2025**

- Description:** Developed a web-based platform using Python, Pandas, NumPy, and Scikit-learn to predict IPL match outcomes by analyzing team stats, venue, weather, pitch, historical performance. Delivered win probability predictions, interactive visual insights, analytics for 50+ upcoming fixtures.
- Key Features:** Match Outcome Prediction | Data-Driven Analysis | Visual Insights | Fixture-Based Interaction | Smart & Simple UI
- TechStack:** Python | Pandas, NumPy, Scikit-learn | Plotly | XAMPP

Seq2Seq Chatbot **Aug 2025**

- Description:** Developed an AI-powered Seq2Seq LSTM chatbot using Python and TensorFlow/Keras to generate context-aware responses, implementing data preprocessing, tokenization, vocabulary management, and model checkpointing.
- Key Features:** Encoder–Decoder LSTM Architecture | Data Preprocessing & Tokenization | Vocabulary Handling | Context-Aware Response Generation | Model Checkpointing & Reloading
- TechStack:** Python | TensorFlow/Keras | NumPy | Pickle | NLP (Tokenization & Padding)

SwiftCare **Mar 2025 – May 2025**

- Description:** Developed a multi-platform system with one-tap ambulance requests, real-time GPS tracking, and AI-based dispatch, featuring apps for users/drivers, a live hospital dashboard, and a robust backend for efficient coordination.
- Key Features:** Instant Requesting | Intelligent Dispatch | Live Monitoring | Multi-role Access
- TechStack:** React Native | Next.js | Express.js, MongoDB | Firebase | Google Maps API

SKILLS

Programming & Data Analysis: Python | SQL | NumPy | Pandas | Data Analysis

Machine Learning & AI: Machine Learning (ML) | Deep Learning | Scikit-learn | XGBoost | TensorFlow | Keras | PyTorch | Computer Vision | NLP | LLMs | Hugging Face Transformers | LangChain

Web & Cloud Tools: Streamlit | Flask | AWS | Azure | Docker

EDUCATION

Bachelor of Computer Applications **April 2025**

Brihan Maharashtra College of Commerce (BMCC) - Pune, Maharashtra **Scored 7.44 CGPA**

Data Science, Machine Learning, DL, NLP Bootcamp **June 2025**

Krish Naik - Udemy