Brajesh Kumar

brajeshguptaa1@gmail.com — +91-7979911811 — linkedin.com/in/brajesh-kumar-5204b8253 — github.com/LazyCoderForU

Skills

- **Programming Languages:** Python, C, C++, Java, SQL, Bash, PL/SQL
- **Frameworks/Libraries:** TensorFlow, Keras, scikit-learn, OpenCV, NLTK, spaCy, Hugging Face Transformers
- **Tools/Platforms:** Git, GitHub, Docker, AWS, Jenkins, Streamlit
- **Data Analysis:** pandas, NumPy, Matplotlib, Seaborn, Plotly
- **Technologies:** Machine Learning, Deep Learning, NLP, Computer Vision, DevOps, Microservices Architecture

Work Experience

AI Instructor – *READ India NGO* *Apr–Jun 2023*

- Delivered AI and ML workshops to 100+ students, guiding hands-on coding sessions and project development.
- Enhanced student understanding of machine learning concepts and engagement by 30%, fostering a better learning environment.

Projects

Maze Runner Game — Microservices-Based Web Game with Dockerized Deployment *Mar 2025*
github.com/LazyCoderForU/Maze_Runner_Game_Python
Built a maze game using Flask, Docker, and microservices; features real-time UI, Jenkins CI/CD, modular backend.

Smart India Hackathon — Disease Prediction Model *Oct 2024*
github.com/LazyCoderForU/Disease-Prediction-Model
Built a chronic disease predictor (95% accuracy) using ensemble ML, Flask API, Docker; led model development and deployment.

Real-Time Face Mask Detector *Mar–Apr 2024*
github.com/LazyCoderForU/Real-Time-Face-Mask-Detection
Implemented DNN-based mask detection with OpenCV and Keras on live video; tested in real-time scenarios.

Named Entity Recognition using CRF and Streamlit *Nov–Dec 2024*
github.com/LazyCoderForU/Ner_Streamlit_app
Developed NER tool using CRFs, NLTK, spaCy; deployed with Streamlit for BIO-tagged text visualization.

Achievements

- Achieved 90 WPM typing speed monkeytype.com/profile/Brajesh_Gupta
- **Smart India Hackathon** — *Participated*; built deployed ML model with 95% accuracy (Oct 2024)
- **Research Paper Accepted for Publication** — *NER using CRFs* (Sep 2024) Research Paper Link
- Top 10% Dean's List, LPU (Aug 2024) Dean's List Link

Certifications

- **Static Routing Using Packet Tracer** — Coursera Verify Certificate
- **IBM DevOps and Software Engineering** — Coursera Verify Certificate
- **Python Bootcamp: Zero to Hero** — Udemy Verify Certificate

Education

Lovely Professional University, Punjab *Aug 2022 – Present*
B.Tech in Computer Science and Engineering (CGPA: 7.4)