# Mohammed Maaz

+91-7676014527 maazkhaleel17@gmail.com linkedin.com/in/mohammed-maaz-673281243
github.com/Mohammedmaaz1786

## CAREER OBJECTIVE

Aspiring AI & ML Engineer with a strong foundation in deep learning, computer vision, and intelligent automation, seeking to contribute to innovative and impactful technology solutions. Eager to apply technical expertise in Python, TensorFlow, and NLP to solve real-world problems while continuously learning and adapting to dynamic, team-driven environments.

## SKILLS

**Technical Skills**

- **Programming Languages:** Python, Java, C, PHP
- **Frameworks & Libraries:**TensorFlow, Keras, PyTorch, OpenCV, NLTK, Streamlit, Selenium
- **AI/ML & Deep Learning:** 3D CNNs, Transfer Learning, NLP, Computer Vision
- **Tools & Technologies:** Git, GitHub, VS Code, HTML, Jupyter, Tkinter, CSS, JavaScript
- **Databases:** MySQL, MongoDB
- **Data Structures & Algorithms:** Java, C

**Soft Skills**

- Analytical problem-solving, teamwork, adaptability, and time management

## EDUCATION

- **B.Tech in Computer Science Engineering (AIML)** *2022–Present (Expected 2026)*
  REVA University, Bengaluru **CGPA: 9.35**
- **XII (2nd PUC)** *2022*
  Presidency PU College, Bengaluru **93.33%**
- **X (SSLC)** *2020*
  The Best High School, Bengaluru **93.92%**

## PROJECTS

**Road Rage Detection using Deep Learning and Computer Vision** *Dec 2024*

**Technologies: Python, TensorFlow/Keras, OpenCV, 3D CNN, Transfer Learning**

- Developed a real-time road rage detection system using 3D CNNs with 5-frame temporal smoothing, achieving 94% accuracy on a custom Indian dataset.
- Reduced false positives by 15% through transfer learning from a 98% accurate violence detection model, optimized for Bangalore's traffic conditions.
- Deployed for traffic monitoring and insurance claim verification, with scalability for multi-class aggression detection.

**AI-powered LinkedIn Automation Tool** *May 2025*

**Technologies: Python, Selenium, Gemini API, NLP, HTML Parsing, Tkinter**

- Developing a Tkinter-based automation system for LinkedIn that enables personalized connection requests, messaging, and auto-posting with a user-friendly interface.
- Employs Gemini-powered NLP for intelligent, context-aware messaging and hashtag generation.
- Incorporates dynamic scrolling, human-like interaction delays, and profile-based targeting to ensure compliance and improve engagement.
- Features a modular, real-time execution system to streamline user workflows and facilitate future extensions like resume assistance and alumni messaging.

**Amazon Review Sentiment Analyzer** *Apr 2025*

**Technologies: Python, Streamlit, Scikit-learn, NLTK, TF-IDF, Random Forest**

- Built a Streamlit-based sentiment analysis tool that classifies Amazon product reviews using TF-IDF vectorization and a Random Forest classifier.
- Implemented NLTK-powered preprocessing including tokenization, stop word removal, and lemmatization for accurate real-time prediction.

## PUBLICATIONS

"Road Rage Detection System using Deep Learning and Computer Vision." *IEEE International Conference on Intelligent Computing and Control Systems (ICICACS), 2025.*
Published in IEEE Xplore: https://ieeexplore.ieee.org/document/10968328

## CERTIFICATIONS

**Data Structures and Algorithms using Java** *NPTEL, Jul–Oct 2024*
Completed a 12-week course (score: 72%) covering arrays, trees, graphs, and algorithmic problem-solving.

**Kubernetes & Docker Fundamentals** *Udemy, May 2025*
4-hour course on Docker basics, Kubernetes orchestration, and hands-on labs.

**SQL using MySQL and DB Design** *Scaler, Apr 2024*
Covered SQL queries, joins, subqueries, aggregation, and schema design.

**MongoDB Developer Course** *Infosys Springboard, Dec 2024*
Learned CRUD, indexing, aggregation, and NoSQL data modeling.

**WordPress Development** *rtCamp, Ongoing*
Learning theme/plugin creation, WP-CLI, security, and PHP tuning.

**Full Stack Web Development (Sigma 5.0)** *Apna College, Ongoing*
Pursuing in-depth training in the MERN stack (MongoDB, Express, React, Node.js) and data structures using Java, covering frontend development, backend APIs, database integration, and algorithmic problem-solving.

## INTERESTS

- Strategic Performer: Passionate about activities like cricket and gaming that enhance teamwork, discipline, and real-time decision-making under pressure.
- Creative Problem-Solver: Apply innovative approaches to both personal and professional challenges, often leveraging AI tools to streamline tasks and enhance efficiency.
- AI-Driven Innovator: Enthusiastic about harnessing AI technologies to build intelligent systems that automate processes, improve productivity, and solve real-world problems.