

BIBI AYESHA MOMIN

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PROFESSIONAL SUMMARY : Enthusiastic and detail-oriented **MCA postgraduate** with strong skills in **Python, Flask, AI/ML, and full-stack web development**. Passionate about building impactful applications that integrate **machine learning with real-world use cases**, demonstrated through my **final year project: Web-Based Python Mental Health Chatbot**. Seeking opportunities in **Software Development, AI, or Full-Stack Development** roles.

TECHNICAL SKILLS:

- **Programming Languages:** Python, SQL, JavaScript, HTML, CSS
- **Frameworks & Libraries:** Flask, Bootstrap, TensorFlow, Keras, NLTK, WTForms
- **Databases:** MySQL, SQLite, SQLAlchemy ORM
- **Tools & Platforms:** GitHub, Flask-Mail, Flask-Login, Flask-Bcrypt
- **Concepts:** Natural Language Processing (NLP), Deep Learning, Authentication & Security, REST APIs

Academic Project

Web-Based Python Mental Health Chatbot

Tech Stack: Python, Flask, SQLAlchemy, TensorFlow, NLTK, Bootstrap, MySQL

- Developed a **full-stack web application** to educate users about mental health and provide self-care tools.
- Implemented **user authentication** with secure password hashing and guest login for privacy.
- Built an **AI-powered chatbot** using **NLTK for text preprocessing** and **TensorFlow/Keras** for intent classification.
- Designed **features** including: mental health self-assessment tests, journaling, mindfulness exercises, SOS hotline integration, and profile management.
- Ensured **data security** with Flask-Bcrypt, session handling with Flask-Login, and form validation.
- Created a **responsive user interface** using Bootstrap for better user experience.
- Achieved **A+ grade** and recognition for successfully integrating **AI + Web Development + Databases**.

EXPERIENCE:

Associate Process Executive - Data Annotation (AI/ML)

Randstad Digital Pvt. Ltd. (Deputed to NVIDIA Graphics Pvt. Ltd.)

Pune, Maharashtra (Oct 2024 – Jan 2025)

Performed image/video/lidar data annotation (bounding box, 2D/3D) for AI/ML projects.

Specialized in prompt writing and optimization for Text2Video project to enhance AI-generated video outputs.

Labeled and managed large datasets using Super Annotate.

Contributed to Cosmos Image and Video Classification tasks for model accuracy improvement.

EDUCATION:

Qualification	School/College/University	Year	Score
MCA	Karnataka State Akkamahadevi Women's University	2024	77.8%
BCA	Secab Institute of Technology and Business Admin.	2020	65.57%
XII	Secab PU College for Women	2017	60%
X	Secab Navraspur English Medium Primary and High School	2015	72.54%

CERTIFICATION:

Python Full Stack Development – CNC World Web (2025)

ADDITIONAL INFORMATION:

Languages: English, Hindi, Kannada

Strengths: Adaptability, active listening, creative problem solving, energetic, team player, time management

Hobbies: Henna designing, Content Creation.

Date of Birth: 28/03/1999

Marital Status: Single

DECLARATION: I declare that the information provided above is true and correct to the best of my knowledge.