

SHAMS TAJBIR TONMOY

+880 1834796035 ◇ Natore, Bangladesh

contact: [Email](#) ◇ [LinkedIn](#) ◇ [Facebook](#) ◇ [GitHub](#)

PROFESSIONAL SUMMARY

Dynamic and results-driven Artificial Intelligence and Machine Learning Engineer with a robust foundation in Computer Science and Engineering. Demonstrates exceptional proficiency in web development and advanced AI/ML techniques. Committed to leveraging technical expertise and creative problem-solving to drive innovation and deliver impactful solutions in challenging environments. Seeking to contribute to forward-thinking organizations through a combination of technical acumen, collaborative teamwork, and a passion for continuous learning.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering (AI & ML), Chandigarh University 2022 - 2026

Relevant Coursework: Machine Learning, Deep Learning, Web Development.

TECHNICAL EXPERTISE

Programming Languages	Python, JavaScript, C++
Web Development	HTML, CSS, Django, React
AI/ML Tools	TensorFlow, Keras, Scikit-learn
Data Analysis	Pandas, NumPy, Matplotlib
Soft Skills	Leadership, Strategic Thinking, Effective Communication

PROFESSIONAL EXPERIENCE

Junior Developer Intern May 2024 - July 2024
Bengal Droid *Remote*

- Developed and maintained full-stack web applications, utilizing Django for backend processes and React for dynamic user interfaces. Designed and implemented an AI-driven chatbot to enhance customer engagement and support.

Data Analyst Dec 2023 - Feb 2024
Tripnow & Bengal Droid *Remote*

- Conducted in-depth data analysis and visualization, providing actionable insights that informed strategic decisions and optimized business operations. Analyzed user behavior data to identify key trends, leading to enhancements in user experience.

PROJECTS

Advanced Image Classification System. Developed a state-of-the-art deep learning model using CNN for high-precision image classification tasks, achieving superior accuracy in various datasets.

Smart Navigation Stick for Visually Impaired. Engineered a cutting-edge smart stick utilizing AI and IoT technologies, enabling enhanced navigation and obstacle detection for visually impaired individuals.

Class Compass Web Application. Developed a full-stack web application to assist students in effectively managing their academic schedules, ensuring user-centric design and reliability.

AI-Driven Chatbot Development. Implemented an intelligent chatbot using natural language processing to deliver instant customer support, significantly improving response efficiency.

Animal Species Classification. Created a deep learning model for accurate classification of animal species, demonstrating advanced proficiency in image processing and neural networks.

EXTRA-CURRICULAR ENGAGEMENTS

- Active member of the university coding club, consistently participating in international coding competitions and hackathons on platforms such as HackerEarth, CodeChef, Coding Ninjas, and more.
- Enthusiastic cricketer with proven expertise as a top-order batsman and right-arm fast bowler, contributing to numerous local and regional victories.
- Skilled content creator, producing engaging content for multiple well-known pages and successfully managing two Facebook pages with over 12k followers, one focused on city news and the other on humor.

LEADERSHIP INITIATIVES

- Leader of a high-performing coding hackathon team at Chandigarh University, driving innovative solutions and securing top positions in various competitions.
- Co-founder of a startup named BZenix, overseeing strategic planning, technical development, and market expansion initiatives.
- Administrator of two influential Facebook pages with over 12k followers, responsible for content strategy, community engagement, and digital marketing efforts.