

### **Career Objective**

Motivated **Web Developer** and **Software Engineer** with advanced academic credentials and practical project experience in full-stack development, intelligent systems, and cloud technologies. Skilled in AI/ML/NLP/GenAI and agile development practices. Seeking an opportunity as a Website Developer to drive innovative software solutions and continuously evolve through teamwork and problem-solving.

### **Education**

#### **Master of Computer Applications (MCA)**

*Vidyasagar University | Aug 2023 – July 2025*

CGPA: **9.70 (91.2%)** – *First-Class First*

#### **Bachelor of Science in Computer Science (Hons.)**

*University of Calcutta | Sep 2019 – Sep 2022*

CGPA: **8.59 (85.9%)**

### **Core Competencies**

- **Programming & Concepts:** Java, SQL, OOP, Data Structures, Algorithms, Software Design
- **Web Technologies:** JavaScript, React.js, Node.js, Express.js, REST APIs, HTML/CSS
- **Cloud & DevOps Tools:** Git, GitHub, Docker, Linux/Unix
- **AI/ML & Data Science:** Machine Learning, Deep Learning, NLP, Pandas, NumPy, Matplotlib
- **Development Practices:** Agile (Scrum), Test-Driven Development, Technical Documentation

### **Projects & Application of Software Engineering**

#### **Alertithm – Real-Time Abnormal Human Behavior Detection**

*AI/NLP-Based Final Year Project*

- Applied Deep Learning and Natural Language Processing practices to build a real-time analysis system detecting emotional distress and threats using audio-text inputs with a custom messaging platform.
- Achieved **98% classification accuracy** using **DistilBERT** and Python-based modular architecture.
- Built an interactive dashboard for real-time alerts and trends using **Streamlit**.

#### **Food Truck App – End-to-End Web Platform**

*Full-Stack Web App (Team of 3)*

- Engineered a complete solution from user authentication to order management using **MERN stack**.
- Developed and tested REST APIs and implemented state management and real-time feedback.
- Applied clean code practices and Git-based collaboration in an Agile team environment.

### **Experience in Team-Based Software Projects**

- **Web Developer – VBTIBE Project (Vidyasagar University, Dept. of Commerce)**  
Developed a research-based web application related to business and economy.
- **Team Lead – TECHNOVA Tech Fest Website (Fakir Chand College)**  
Directed full-stack development, integrating visual design and functional modules under strict deadlines.

### **Certifications**

- **Complete Machine Learning & NLP Program** – Krish Naik (Udemy)
- **Sigma 3.0 – DSA with Java + MERN Stack** – Apna College