MD. SHAZZAD HOSSAIN SHARIF

@ sharifsh846@gmail.com · ☎ (+880) 1722 400 194 · in shazzad-sharif-969b08267

○ shazzadsharif2258 · 🌐 sites.google.com/view/shazzadsharif

📍 Mirpur, Dhaka, Bangladesh

EMPLOYMENT HISTORY

Internship
Next Tech Limited

📅 July 2025 – Present   📍 Dhaka, Bangladesh

- Worked on live project for newspaper "Jugoshankho" using PHP, HTML, CSS, Bootstrap
- Developed EventOrg project using PHP, MySQL, HTML, CSS, Bootstrap
- Gained practical experience in web development and database management

EDUCATION

B.Sc. in Computer Science & Engineering
Green University of Bangladesh

📅 2021 – Present   📍 Narayanganj, Bangladesh

- CGPA: 3.82/4.00 (Current)
- Achievements: 3× VC Award, 3× Dean's Award for academic excellence

H.S.C in Science
Noakhali Govt. College

📅 2017 – 2019   📍 Noakhali, Bangladesh

- GPA: 5.00/5.00
- Board: Comilla, Group: Science

RESEARCH EXPERIENCE

A Collaborative Path Oriented Service Migration and Task Allocation in Edge Computing: Deep Reinforcement Learning Approach

Research focuses on optimizing service migration and task allocation in edge computing environments using deep reinforcement learning techniques.

📅 2024 – Ongoing

- Investigating efficient resource allocation strategies for edge computing
- Developing novel DRL algorithms for dynamic service migration

Path Prediction using LSTM + CNN for User Future Trajectories

Research focuses on developing a hybrid deep learning model to accurately predict user movement patterns and future trajectories.

📅 2024 – Ongoing

- Combining LSTM temporal processing with CNN spatial feature extraction
- Developing novel architecture for improved trajectory forecasting

PROJECTS

BookSphere
Integrated Project Design - E-commerce platform for books
📅 2025   🛠 React JS, Node JS, Firebase

- Developed full-stack e-commerce application with user authentication
- Implemented shopping cart, payment integration, and admin dashboard

Stock Price Prediction using LSTM
Financial forecasting system using deep learning
📅 2025   🛠 Python, TensorFlow, Keras, LSTM, Yahoo Finance API

- Developed LSTM neural network model for stock price forecasting
- Implemented data preprocessing and feature engineering for financial time series
- Achieved 92% accuracy in predicting next-day stock prices

Object Detection System
AI-based object recognition system
📅 2024   🛠 Python, KNN, cv2, Streamlit

- Built machine learning model for real-time object detection
- Created user-friendly interface with Streamlit

EventOrg
Event management system developed during internship
📅 2025   🛠 PHP, MySQL, HTML, CSS, Bootstrap

- Developed complete event management system with admin panel
- Implemented user registration, event creation, and ticket booking features

Children Learning System
Educational platform for children
📅 2024   🛠 Assembly Language

- Designed low-level educational software for microprocessor systems
- Created interactive learning modules for basic concepts

Food Delivery System
Online food ordering platform
📅 2024   🛠 HTML, CSS, PHP, MySQL

- Developed complete food delivery system with restaurant and customer panels
- Implemented order tracking and payment processing

Encryption Decryption System
Data security application
📅 2023   🛠 Java

- Created cryptographic tools for secure data transmission
- Implemented multiple encryption algorithms

Airline Management System
Airline reservation system
📅 2022   🛠 Java

- Developed console-based airline booking system
- Implemented flight scheduling, seat reservation, and ticket generation

SKILLS

Technical Skills

- **Programming Languages:** Python, Java, C++, JavaScript, PHP, Assembly
- **Web Technologies:** HTML, CSS, React JS, Node JS, Bootstrap
- **Databases:** MySQL, MongoDB, Firebase

- **Tools & Platforms:** Git, LaTeX, Streamlit, OpenCV
- **Machine Learning:** TensorFlow, Keras, Scikit-learn, LSTM, CNN, Financial Forecasting

Professional Skills

- Academic Research   System Analysis   Problem Solving
- Collaboration & Teamwork   Leadership   Public Speaking
- Presentation Skills   Technical Documentation

PROFESSIONAL TRAINING

Python Programming for Django
📅 2025   📍 Green University of Bangladesh, Narayanganj

- Advanced Python concepts and Django framework
- Web application development with Django REST framework

Digital Marketing (SEO Expert)
📅 2023   📍 Uptech Agency, Dhaka

- Search Engine Optimization techniques

EXTRACURRICULAR ACTIVITIES

Organizer & Volunteer
📅 Feb 2024   📍 CSE T10 Cricket Tournament - Season 1

- Organized departmental cricket tournament with 10+ teams
- Managed event logistics, scheduling, and coordination

Volunteer
📅 2015–2017   📍 Bangladesh Red Crescent Society

- Participated in community service and disaster preparedness programs

HOBBIES & INTERESTS

- Playing Cricket   Photography   Travelling
- Reading Tech Blogs   Participating in Coding Competitions

REFERENCES

Palash Roy
Lecturer, Dept. of Computer Science and Engineering
University of Dhaka
✉ palashroy975@gmail.com
📞 +8801846869580

Md Taohidul Islam
Senior Instructor
Next Tech Limited
Dhaka, Bangladesh
✉ info@nexttech.com
📞 +8801300888481