

# UTSHO HEAVEN CHOWHDURY



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## SUMMARY

Full-Stack Developer with hands on experience on MERN Stack, Python, Typescript & Firebase/Supabase. Passionate on Deep Learning and Machine Learning. Have been involved in open-source contributions. Committed to building robust,scalable application while actively seeking opportunities to integrate intelligent systems into Real-world solutions.

## SKILLS

**Frontend:** React, Next.js, TypeScript, JavaScript

**Backend:** Node.js, Express, Django, Golang

**Database:** MongoDB, Firebase, PostgreSQL

**Mobile:** Flutter, Andriod Studio, React Native

**Languages:** Python, Java, Go, Ruby

**Design:** Figma, Framer, Adobe XD, Canva

**AI/ML:** Pytorch, RAG, Scikit-Learn

**Tools:** Docker, Git, n8n, Postman, Jira, Vercel

## EDUCATION

**Bachelors in Computer Science**

BRAC University, Dhaka

Jan 2022 - 2026

**Higher Secondary Education**

Cantonment Public School & College, Saidpur

Jun 2018 - 2020

## PROJECTS

### ● LAMB FALCONS - Official Club Site



Dynamic Official website for the Club, improving the online presence & providing a centralized platform for fans to access club-related contents, buy merchs also be a member.

**Stacks:** Node.js, Typescript, Tailwind, Firebase

### ● CULINARY CANVAS - Food Ordering Site



Secure & scalable food ordering site with managed database & implemented core functionalities, including user authentication, order management, & secure payment processing APIs.

**Stacks:** Next.js, React, Typescript, Tailwind, MongoDB

### ● SCREEN BOX - Streaming Site



Comprehensive streaming platform designed to offer users free,vast library of online movies & web series. Incorporates user-Auth, profile feature, allowing track viewing history & manage watchlists.

**Stacks:** Next.js, React, TypeScript, Tailwind, Supabase (PostgreSQL), ESLint

## PUBLICATIONS

### Multimodal Deep Learning for Medical Image Segmentation - 2026

Developed a robust deep learning framework for fusing heterogeneous data sources to perform precise medical image segmentation. (CNN, U-net, Model Fusion)

## CERTIFICATIONS

● AI Engineer Developers Associate - **DataCamp**

● HTML5 University of Michigan - **Coursera**

● AI Engineer for Data Scientist - **DataCamp**

● OCI Certified Data Science Professional - **Oracle**

● Machine Learning with Python - **IBM**

● Aspire Leadership Program 2024 - **Aspire Ins.**