

# Design. Debug.Deploy.

Lumia Qureshi | Computer Science Student

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# About Me

I am a dedicated Computer Science student with hands-on experience in full-stack web development, data structures, and system-level programming. My portfolio includes dynamic web applications built with React and Node.js, such as a comprehensive Travel Planner website, alongside complex console-based games in C++ and Assembly. With a growing interest in Artificial Intelligence, I have specialized in Natural Language Processing (NLP) to develop a RAG-based Travel Assistant Chatbot. I am passionate about applying algorithmic problem-solving and UI/UX design to create intelligent, real-world solutions.

# Education

**2023 - 2027**

**Bachelors in Computer Science**

**FAST NUCES**

Relevant Coursework: Programming Fundamentals, OOP, Data Structures, Computer Architecture and Assembly Language, Design and Analysis of

**2021 - 2023**

**I.C.S**

**Punjab Group of Colleges, Lahore**

Relevant Coursework: Computer Science, Mathematics and Physics.

Algorithms, NLP, Artificial Intelligence and Web Programming.

2019 - 2020

### Matriculation

**DHAES Senior School for Girls, Lahore**

Relevant Coursework: Biology, Chemistry, Mathematics and Physics.

## Projects

### AI & NLP

#### RAG Travel Assistant

An intelligent chatbot using Retrieval-Augmented Generation (RAG) to provide personalized travel recommendations based on real-time data.

### FLASK & PYTHON

#### Travel Planner Website

A dynamic web application built with React and Node.js that allows users to organize itineraries, manage travel logistics, post trips, share reviews and earn XPs.

### FULLSTACK

#### Online Grocery Store System

Designed and developed a full-stack web application using JavaScript, Node.js and React. Implemented dynamic product browsing, secure user authentication, cart management, applying coupons

and order placement  
functionality.

#### CONSOLE BASED GAME

##### **Solitaire Game in C++**

Created an interactive Solitaire card game in C++ using stacks, queues, singly linked lists and doubly linked lists.

Demonstrated data structures knowledge and algorithm design in a gaming context.

#### ASSEMBLY LANGUAGE X86

##### **Alphabet Collector**

Developed an engaging game of Alphabet Catcher using Assembly Language, implementing control flow, user interaction, and scoring mechanics. Gained hands-on experience in low-level programming and register management.

#### OOP-BASED SOCIAL NETWORK

##### **Facebook Clone**

Built a miniature social media platform using C++ applying OOP principles such as classes, inheritance, abstraction, association and polymorphism. Developed features like profile creation, post sharing, an app viewing interface and friend connections.

## Skills

HTML/CSS

C/C++

JavaScript

Assembly Language x86

Time management

Problem-solving

SQL

Node.js

Flask & Python

Collaboration

# Contact Information

## Let's Connect

I'm currently looking for new opportunities. Feel free to reach out!

### LOCATION

Lahore, Pakistan

### EMAIL

lumia.queshi24@gmail.com

### LINKEDIN

lumiaqueshi-784156369

### GITHUB

github.com/lumia-Qcode

## Lumia Qureshi

Computer Science Student | Tech Enthusiast

Built with Passion & HTML/CSS

Open for Summer Internships 2026 & AI Research Collaborations.

**About**

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