



Mohsin Ul Islam

Software Engineer

An independent and self-motivated engineer with exceptional problem-solving skills.

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EDUCATION

BS Computer Science

Lahore University of Management Sciences

08/2017 - 06/2021

Lahore, Pakistan

Courses

- Introduction to Programming, Data Structures, Advanced Programming, Software Engineering, Databases, Network Centric Computing, Network Security, Theory of Automata, Operating Systems, Computer Graphics, Deep Learning, Artificial Intelligence, Algorithms, Computer Networks Principles, Practices, and Introduction to the Internet of Things.

WORK EXPERIENCE

Freelance Software Engineer

Upwork

12/2019 - Present

Lahore

Achievements/Tasks

- Working as a freelance software engineer on Upwork.
- Worked on a prayer time allocation app. <https://praycal.com>.
- Created an ecommerce website for furniture a store.
- Currently working on cyber security risk calculation app.

SKILLS

Nginx

REST APIs

GraphQL

Node JS

Vue JS

React JS

CSS3

HTML-5

Vanilla Javascript

TypeScript

Python

C++

SFML

SQL

Mongo DB

Redis

AWS

Heroku

C

C++

Java

Rust

PHP

Postgres

Mongo

Redis

Linux

Git

Docker

GCP

PERSONAL & ACADEMIC PROJECTS

Smart energy management system (IOT domain)

- Node JS, C using Contiki OS, Python, MongoDB, Websockets, Flutter

Browser based Conway's game of life

- Vanilla Javascript

Chord DHT P2P file-sharing application in Vanilla JS.

- Vanilla JS

Online multiplayer snake game

- Node JS, Socket IO, Vue JS

Classic Dxball game

- C++, SFML, OpenGL, OpenAL

Complete Computer Graphics Pipeline

- C++, Opengl

Artificial neural network for recognizing handwritten digits up to 98% accuracy in Python.

- Python 3

Complete Website for LSCSE (student society at LUMS)

- HTML-5, CSS3, Vanilla Javascript

Yet Another Programming Language (YAPL)

- Created a programming language using PLY library of Python

Pancake ordering application

- For IOS and Android using Google's Flutter framework