

Muhammad Zaid

Software Engineer

I am a Software Engineer, passionate about continuous learning and driven by a strong aptitude for problem-solving. I thrive on acquiring new skills and staying updated with the latest technologies, aiming to contribute effectively in dynamic and innovative environments.



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TOOLS AND TECHNOLOGIES

React

Node

Express JS

Mongo DB

Javascript

Java

AWS

Machine Learning

Deep Learning

DevOps

Docker

GitHub / GitHub Actions

Jenkins

OOP

SQA

JavaScript

Oracle

MySQL

JavaFX

S/W Requirement Engg

HTML

CSS

INTERESTS

Web Development

Cloud Computing

SQA

DevOps

EDUCATION

Bachelors of Software Engineering

NUCES, FAST

09/2020 - 12/2024

Islamabad

ORGANIZATIONS

FAST NUCES ISB

OOP Lab

CERTIFICATES

Foundations of UX design Google/Coursera (06/2022 - 08/2022)

<https://www.coursera.org/account/accomplishments/certificate/TM92L6MESHUB>

UX Design Process (06/2022 - 08/2022)

<https://www.coursera.org/account/accomplishments/certificate/TM92L6MESHUB>

AWS Cloud Foundation

PROJECTS

Code Scrub _ AI Code Smells Detector

- Final year Project created by harnessing the powers of Deep learning for detection of code smells in java and java script. The project has a frontend interface created using React JS. It is integrated with online code repositories like GitHub and Gitlab. It scans the repos for potential code smells.

Personal Portfolio Website

- React JS

Blood Bank App

- A simple Blood Donation app created using MERN stack to help assist the donors and recipients. It has four modules named user, admin, organizations and hospitals.

Student Performance Prediction Model

- Trained an ML model using scikit to train an ML model that predicts students performance based on some parameters.

ML Model Training and Pipeline Construction

- Model training with linear regression, Flask, github actions

Application Deployment on AWS

- Deployment of web application using AWS EC2, cloud-watch and S3

Website Performance Testing

- Jmeter

Flight Management System

- Java, Java FX

Tic Tac Toe

- Java / HTML-CSS-JS

SRS documentation of Bus Management System

BPMN modeling of University Management System

- Lucid Chart

SRS Documentation of Tourism Application