

# Muhammad Hassan Raza

## Software Engineer

I am passionate about software development and writing clean, secure, and scalable code. I enjoy breaking down complex technical challenges and implementing efficient solutions that enhance performance and maintainability. I am committed to best practices, continuous learning, and building robust applications that stand the test of time—because no one wants to deal with technical debt down the road.

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mhasan.dev

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## EDUCATION

### MS Computer Science

FAST NUCES Lahore

08/2024 - 08/2026

4.0

### BS Software Engineering

FAST NUCES Lahore

08/2020 - 08/2024

3.30

## PERSONAL PROJECTS

PixelCryptor (09/2023 - 12/2023)

- Designed and implemented advanced Malware Obfuscation tool
- Deployed on Microsoft Azure

## WORK EXPERIENCE

### CEO

Commit Software Solutions

10/2024 - Present

Lahore, Pakistan

Offering products in the domain of Business Automation, Web Dev, Graphics Design, Cloud Infrastructure, and AI.

Achievements/Tasks

- Delivered multiple professional websites for businesses
- Delivered multiple comprehensive branding projects to business looking for end-end brand enhancement
- POS solution processed **Rs. 8.6 million** in monthly transactions, improving sales efficiency by **62%** through reduced checkout times and minimized error rates.

Contact : <https://commitsoftware.dev/>

### Lab Instructor

FAST NUCES Lahore

08/2024 - Present

Lahore, Pakistan

Achievements/Tasks

- Teaching Labs including **Operating Systems, Web Engineering, Software Construction & Development**

### Software Engineering Intern

Arrivy, Inc.

06/2023 - 08/2023

Lahore, Pakistan

Achievements

- Developed the backend for the in-house Employee Management System, replacing the expensive and proprietary solution
- BigQuery, Flask, GCP Scheduler to provide server-side functionality

Contact : Muhammad Hamid Raza -

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## SKILLS

Project Management

Azure

DigitalOcean

Python

GCP and BigQuery

Java

Kotlin

Django

VueJS

PostgreSQL

CI/CD Pipeline

## ACHIEVEMENTS

Dean's List of Honors (Fall 2023, Spring 2024)

3rd Place at NaSCon'22 Code Studio Competition

4th Place at NaSCon'23 UI/UX Competition

Highest Achiever Shield of Excellence during O-Levels

## ORGANIZATIONS

FAST NUCES (08/2020 - 07/2024)

TA for *Introduction to Software Engineering (SE110)*, *Software Engineering (CS3009)*, *Software for Mobile Devices (CS4039)*, *Information Security (CS3002)*, *Fundamentals of Software Project Management (SE4003)*

SOFTEC (11/2020 - 08/2024)

Vice President Operations and Management

Google Developer Student Clubs (08/2022 - 10/2022)

Media Advisor and Director General

## CERTIFICATES

Elevate Your Business Branding with Generative AI (12/2023)

Artificial Intelligence for Business and Corporate Branding

HuggingFace AI Agents (03/2025 - Present)

Building AI Agents to have a real impact

## LANGUAGES

English

Native or Bilingual Proficiency

Urdu

Native or Bilingual Proficiency

## INTERESTS

Project Management

Open Source

Metal Music

Space and Extraterrestrial Life

Tech Blogging