


# GHULAM MUSTAFA

mustafamalikawan786@gmail.com • (+92) 324 4164341 • [in](#)/mustafa-gm •  /musxeto

## SKILLS

- **Programming Languages:** JavaScript, Python, C, C++, SQL (MySQL, MS SQL Server) , HTML, CSS
- **Technologies:** React.js, React Native, Django, Flask, Firebase, Tailwind CSS, Bootstrap, FastAPI, Git, RESTful APIs, TypeScript, Numpy, Pandas, Tensorflow

## EXPERIENCE

**Smart Computings** | Lahore, PK July 2025 – Present

*Junior Backend Developer*

- Building APIs with FastAPI, Celery, Redis.
- Improving database workflows with ERD viewer + multi-tab query editor.
- Adding features, fixing bugs, and optimizing backend performance.

*Software Intern*

- Contributed to PRISM across backend (FastAPI) and frontend (React, ReactFlow).
- Implemented Database Connection Studio with MySQL, PostgreSQL, MongoDB, MS SQL support.
- Secured platform with JWT auth, email verification, password recovery.
- Integrated AWS S3 + optimized pipelines with preview execution.

**Chelan Tech** (Startup) | Remote July 2024 – Present

*App Developer Intern*

- Building features for a mobile app using React Native and TypeScript.
- Collaborating with designers to develop user-friendly and visually appealing components.

**Salvo Integrated Solutions** | Lahore, PK July 2024 – October 2024

*Software Intern*

- Worked on Python, Django, React.js, and MySQL for building RESTful APIs and integrating AI features.
- Contributed to CRM and ERP development. Led the integration of a Facial Recognition Attendance System.

**GCS Pvt. Ltd.** | Lahore, PK August 2023 – October 2023

*Web Developer Intern*

- Enhanced the organization’s attendance portal using HTML, CSS, JavaScript, and Flask.
- Implemented various features, enhancing HR efficiency by simplifying attendance record management processes.


## EDUCATION

**Lahore Garrison University** | Lahore, PK


**Bachelor of Science in Computer Science** | GPA: 3.6/4.0 Expected June 2026

**Awards & Honors:** Dean’s List (Spring 2024)

## PROJECTS

**Aalim AI – Islamic Q&A Chatbot** 

- AI chatbot for Islamic Q&A with real-time chat, context handling, and multi-user support on web and mobile app.
- **Technologies Used:** Python, FastAPI, React.js, React Native, TypeScript, Firebase, Chroma DB, Ollama

**Berserk Fit – E-Commerce Store** 

- Built a gym-focused E-commerce website with features including cart, product pages, and admin dashboard.
- **Technologies Used:** React.js, Firebase

## Arcade OS: Bootable Operating System



- Led the team to build a bootable CLI-based OS in x86 Assembly using NASM and BIOS routines.
- **Technologies Used:** x86 Assembly, NASM, BIOS operations

## CERTIFICATIONS

---

- |   |   |
|---|---|
| - Machine Learning Specialization – DeepLearning.AI | - React Basics & Advanced React - Meta              |
| - Crash Course on Python - Google                   | - Neural Networks & Deep Learning – DeepLearning.AI |