# **MUHAMMAD JAWWAD KHAN**

# **UNDERGRADUATE (CS)**

Karachi Division, Sindh, Pakistan

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Driven to deliver scalable, real-world solutions through full-stack development and AI projects, while growing my expertise to create mutual success for both the organization and myself.

# **EDUCATION**

#### **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

UNIVERSITY OF KARACHI

*Jan, 2022 – Dec, 2025 (expected)* 

#### INTERMEDIATE IN PRE-ENGINEERING

DEHLI GOVERNMENT COLLEGE 2019 – 2021 (A-1/94.2%)

### RELEVANT COURSEWORK

- ▶ Object Oriented Programming
- ► Software Engineering Fundamentals
- ▶ Data Structures & Algorithms
- ► Internet Application Development
- ► Database Management System
- ► Artificial Intelligence (Fuzzy Logic & Neural Networks)

#### **CERTIFICATIONS**

# **SQL CERTIFICATIONS**

DataCamp Jan-Feb, 2025

# UNDERSTANDING ARTIFICIAL INTELLIGENCE

DataCamp Jan, 2025

### PROJECT MANAGEMENT CERTIFICATIONS

Google, Coursera Sep-Oct-Dec, 2024

### DATA SCIENCE COURSE

Pakistan Japan Center under UoK & Plus W inc. April, 2024

# FRONTEND DEVELOPMENT WITH REACT.JS

BanoQabil 2.0 March, 2024

# **SKILL CERTIFICATIONS**

(Java, JavaScript, React.JS, SQL, Python)

HackerRank 2024 & 2025

### ACHIEVMENTS/ LEADERSHIP EXPERIENCE

- Selected for the Google Career Certificate Program through Edversity.
- Appointed Squad Leader Recognized for exceptional skills and leadership during a three months Graphic Design Internship at GAOTek Inc. Led squad of 30 members.

# **INTERESTS**

- ► Artificial Intelligence
- ▶ Web/ Software Development

### **OTHER FACTS**

LANGUAGE: English (working proficiency), Urdu (native)

CNIC: 42201-7019050-1

# **TECH STACK**

- ► Core Java ► Python ► HTML ► CSS ► JavaScript ► SQL
- ► React.js ► Next JS ► Node.js ► Express.js ► Spring Boot
- ▶ Git & GitHub

# **PROJECTS**

#### **Portfolio**

Built with Next.js and Tailwind CSS, integrating Web3Forms for contact submissions and Framer Motion for smooth, interactive animations, managed version control with Git/GitHub and deployed the site on Vercel.

# Food-Delivery-App

▶ Developed a full-stack food delivery platform using Next.js with API routes, custom CSS, and MongoDB, featuring secure authentication, role-based dashboards for restaurants, customers, and riders and a cart/order system.

# **Smart-Contact-Manager**

▶ Developed a full-stack contact management web application using Spring Boot, Spring Security, and MySQL, enabling secure cloud-based contact storage with OAuth authentication (Google/GitHub) and email verification, plus a responsive Thymeleaf front end for managing contacts.

# IAD-Lab-Experience

Built an interactive lab competition feedback website using HTML, CSS, and JavaScript managed version control with Git/GitHub and deployed the project on GitHub Pages for hosting.

# **FitMentor**

Developed a fitness website using React.js and CSS, integrating a fitness API to display exercise data; managed version control with Git/GitHub and deployed the application on Vercel.

# Smart Calculator & To-Do List & Login/Signup-Form & Weather-Forecast-App

Developed these frontend projects using HTML, CSS and JavaScript, integrating a weather API to fetch real-time data for any city worldwide, managed version control with Git/GitHub and deployed on vercel.

#### Calculator & Random Password Generator

#### & Console Games

► Developed terminal based projects applying OOP concepts, user interaction handling, and game logic implementation.

### **Chatbot & Tic-Tac-Toe AI Game**

► Developed a terminal-based Python chatbot with rule-based responses and an unbeatable AI-based Tic Tac Toe game in Python using the Minimax algorithm with Alpha-Beta Pruning.