

# Muhammad Hassan Nawaz Cheema

**E-mail:** mhassan.abid1970@gmail.com

**Phone:** +92-320-5822456

**Address:** House No # 52, Street No # 4, Manzoor Park, Gulshan-e-Ravi, Nawan Kot, Multan Road, Lahore.

## Professional Summary

Detail-oriented and results-driven Computer Science professional with a passion for software development, AI-driven solutions, and web technologies. I am Skilled in **WordPress, Shopify, Frontend Development, MERN Stack, AWS Cloud Computing** and **Site Reliability Engineering (SRE)**, with expertise in **C++, Java, Python**, and **Flutter**. I am adept at designing and optimizing scalable applications, integrating AI-powered automation, and implementing efficient system architectures. **Experienced in SaaS-based CRM development, cloud technologies, and full-stack development.** A problem-solver with a continuous learning mindset, eager to contribute technical expertise to innovative projects in a dynamic environment.

## Objective

To join a dynamic and growth-oriented organization where I can leverage my technical skills in software development while expanding my knowledge and expertise in a professional setting.

## Education

✓ 2021-Continue Riphah International University, Lahore	BS Computer Science	CGPA2.45/4
✓ 2019– 2021 Government College of Science, Lahore	High School Studies	Grade B+
✓ 2017–2019 Dar-e-Arqam School, Lahore	High School Studies	Grade B+

## Final Year Project (FYP)

Developing an AI-Powered Call-Handling CRM System for Restaurants, a SaaS-based solution designed to streamline order management, AI-driven call handling, real-time analytics, and customer relationship management.

Key features include:

- ✓ **AI-Powered Voice Processing** – Automates call handling for restaurant orders.
- ✓ **Order & Inventory Management** – Tracks food inventory and order processing.
- ✓ **Multi-Dashboard System** – Includes Super Admin, Restaurant Admin, and User dashboards.
- ✓ **Hybrid Database Integration** – Using **MongoDB for unstructured data** and **PostgreSQL/MySQL for structured data**.
- ✓ **Real-Time Analytics & Notifications** – Provides insights into customer interactions and business performance.

## Technical Skills

- ✓ **Programming Languages:** C, C++, C#, Java, Python, JavaScript
- ✓ **Web Development:** HTML, CSS, Bootstrap, PHP, WordPress, Shopify, MERN Stack
- ✓ **App Development:** Flutter
- ✓ **Database Management:** MySQL, SQL, Firebase, PostgreSQL
- ✓ **Networking & SRE:** Site Reliability Engineering, Computer Networking, AWS Cloud
- ✓ **Software Tools:** MS Office, Post Man

## Projects & Achievements

- ✓ Developed a **Simple Calculator** using **C#**
- ✓ Developed a **Library Management System** in **C++**
- ✓ Developed a **Student Management System** in **C++**
- ✓ Developed a **Flappy Bird Game** using **Java**
- ✓ Developed a **Dynamic Website** using **HTML, CSS, Bootstrap, PHP**
- ✓ Developed a **Health Fitness Application** in **Flutter**
- ✓ Certified in various Coursera courses, including:
  - Object-Oriented C++ (Inheritance & Encapsulation)
  - Introduction to Hardware and Operating Systems
  - Databases and SQL for Data Science with Python
  - Building Web Applications in PHP
  - Google Site Reliability Engineering (SRE) Culture

## Interests

- ✓ Learning new programming languages
- ✓ Web and App Development
- ✓ Gaming & Traveling

## References

Available upon request.