

# Muhammad Hassan

Software Engineer | Eager to Build Scalable and Reliable Applications

Committed to delivering high-quality code and continuously expanding technical expertise to contribute effectively to engineering teams and work in collaborative environment.

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Phone: (+92)-337-1401674

LinkedIn: [www.linkedin.com/in/muhammadhassan](https://www.linkedin.com/in/muhammadhassan)

Email: [mhbhatti2002@gmail.com](mailto:mhbhatti2002@gmail.com)

## EDUCATION

**University of Central Punjab, Lahore**

Nov 2021 – Present

- Bachelor of Science, Major: Computer Science

**Unique College, Lahore**

Aug 2019 – Jul 2021

- Intermediate in Sciences

## EXPERIENCE

**Internship – Systems Ltd (Data Team)**

Sep 2024 – Nov 2024

- Practical experience in designing and implementing ETL pipelines using **Azure Data Factory** and **Databricks** for data transformation and, business intelligence purposes using **Power BI** along with SQL.

## PROJECTS:

**AI Smart Task Chain- FYP (AI, Blockchain)**

- Developed an AI-powered task management system leveraging blockchain technology for transparent, efficient, and automated task tracking and decision-making through smart contracts.

**Library Management System - Semester Project (C++)**

- Developed a project to understand the core concepts of OOP.

**NYC Yellow Taxi - Internship Project (ADF, Databricks, PowerBI)**

- Built a **data warehouse** and orchestrated pipelines for **business intelligence**.

**SKILLS/TOOLS:** ELT/ETL, Data Modelling (Star Schema), Data warehousing (medallion architecture), ADF (Synapse analytics), Databricks, SSMS, MySQL Workbench, PowerBI, Bootstrap, Python, NoSQL (MongoDB), React JS