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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# 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