

Muhammad Sajid

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Education

University of Education Lahore, Vehari Campus, Pakistan

September 2022 – September 2026

Bachelor of Computer Science

GPA: 3.56/4.0

Relevant Coursework: Python Programming, Database Systems, Operating Systems, Web Engineering

Aspire Group of Colleges, Vehari, Pakistan

April 2019 – May 2021

Higher Secondary Education(HSSC) (Pre-Engineering)

Marks: 1064/1100 | **Percentage:** 96.72%

Skills

Languages: Python, JavaScript, HTML/CSS

Databases: MySQL, PostgreSQL, MongoDB

Libraries: React JS, NumPy, Pandas, TensorFlow and All Necessary Libraries For ML and DL

Frameworks: Django, Django Rest Framework (DRF), React.js

Experience

CodeAlpha

August 2024 - September 2020

Software Engineer

- Developed and managed the different types of web applications during my virtual internship at CodeAlpha in Python.
- Improved the response time by 20% by refactoring the codebase and changing database design and queries.
- **Tools:** Python, HTML, CSS, JavaScript

University of Education

September 2022 - Current

Python Programming

- Here, I learnt and boost up my skills in programming environment. I've got experience in React JS, HTML, CSS, JavaScript, Python along with Django and DRF.
- I also learnt about Database specially MySQL and developed full stacks web applications
- During this journey, I got experience in Machine Learning and Deep Learning by courses offered by Lincoln Corner and presented by Sir Usman Ali.
- I practiced and solved many ML problems and trained ML models using different techniques and libraries.
- **Tools:** React JS, Python, Django, DRF, MySQL, Postgresql and All Necessary Libraries For ML and DL

Precise Tech

April 2025 - Current

Frontend Developer

- Started Remote job at Precise Tech, a Canada-based company, as Frontend Developer in React JS.
- This is a product based company and here I am working at industry level and tackling and solving different problems
- **Tools:** React JS

Few Projects

Weather App 🌤️

Tech Stack: HTML, CSS, JavaScript and Weather API

- User can search recent weather details of any city all over the world
- I used weather API to get recent updated response but this project is not live.

Tourist Guide Map 🗺️

Tech Stack: HTML/CSS, JavaScript, Python, Django (DRF)

- I build this only using Python and Django..
- I downloaded Pakistan's map data from OSM manually and imported it into GraphHopper.
- Then I run GraphHopper as self-hosted and use it in my Django project.
- This project was interesting as I tackle new challenges and finding routes through maps.

AI Chatbot 🤖

Tech Stack: React JS, Python, Django, Django Rest Framework, Token based authentication and Postgresql Database.

- Developed and deployed full-stack web AI Chatbot like OAuth-based login/sign up.
- You can also use it without login but chat history will be saved for only authenticated users.
- It is fully authenticated and stores your chats in sessions.