




MUHAMMAD YAHYA

SOFTWARE ENGINEER


Portfolio Website 

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OBJECTIVE

Software Engineer with expertise in Python Django REST, React.js, and scalable application development. Experienced in backend and frontend development, API integration, and leveraging AI technologies, including Generative AI and chatbot development, to create innovative and impactful solutions in the tech industry

PROJECTS

AI INTERVIEWER & ATS

Python FAST API, React.Js, VAPI, OpenAI

FEEL GREAT SYSTEM WEBSITE

React.Js, Tailwind CSS, Email Integration

AIRBNB CLONE

Database, MySQL, Node.Js, Express.Js

HOSPITAL EMERGENCY WARD SYSTEM

Data Structures, System Design, C++

TECHNICAL SKILLS

COURSE WORK

Data Structures, Object Oriented Programming, Database Systems, Machine Learning, Deep Learning & Neural Networks, Advanced Web Technologies, Generative AI, Compiler Construction,

PROGRAMMING LANGUAGES

Python, C++, HTML, CSS, JavaScript
MySQL

FRAMEWORKS & LIBRARIES

Python Django REST, Node.JS, Langchain, React.JS

DATABASE

PosgreSQL, MySQL

VERSION CONTROL

Git/GitHub

EDUCATION

UNIVERSITY OF MANAGEMENT & TECHNOLOGY

Bachelors of Science in Computer Science

2021 – Present | CGPA 3.11

UNIQUE GROUP OF INSTITUTIONS

Intermediate in Engineering

2019 – 2021 | Grade B+

THE PUNJAB SCHOOL

Matriculation in Science

2017 – 2019 | Grade A+

EXPERIENCE

UPWORK

May 2024 – Present

Freelance Software Developer

Developed user-friendly web applications in React.js, Tailwind CSS, JavaScript, delivering scalable solutions

ARTILENCE PVT. LTD.

Aug 2024 – Oct 2024

Internee Software Engineer

Developed web applications in Python Django REST & ReactJS, & built RAG chatbots with LangChain

CERTIFICATIONS

MATHEMATICS FOR MACHINE LEARNING

Imperial College London (Coursera)

INTRODUCTION TO BACKEND DEVELOPMENT

Meta (Coursera)

GIT AND GITHUB

IBM (Coursera)

LEADERSHIP & VOLUNTEER EXPERIENCE

ACM COMPUTER SCIENCE SOCIETY

2023 – 2024

- Led ACM Computer Science Society as President, managing 30 team members and 500+ community members.
- Organized trainings, technical sessions, workshops, and hackathons to nurture a vibrant technology community.
- Collaborated with SOFTEC'24, NasCon'24, IEEE, GDSC to amplify society's impact.