MUHAMMAD YAHYA

SOFTWARE ENGINEER

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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

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+

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++

EXPERIENCE

ARTILENCE PVT. LTD.   Aug 2024 – Oct 2024
Internee Software Engineer

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

UPWORK   May 2024 – Present
Freelance Software Developer

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

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

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 – Present

- Leading 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.