

MUHAMMAD BURHAN BHATTI

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Professional Summary

Computer Science undergraduate at FAST-NUCES, Lahore, passionate about web development and AI/ML. Proficient in C++, React, Django, Python and langchain, with strong knowledge of modern software engineering practices. Demonstrated ability to build scalable projects, collaborate in cross-functional teams, and continuously explore emerging technologies. Eager to contribute to impactful software solutions while expanding a versatile technical skillset.

Experience

Mavericks United <i>Machine Learning Intern</i> { Working on automating internal processes using customized ML pipelines and fine-tuned LLMs. { Building scalable AI solutions tailored to company requirements for operational efficiency.	Jun 2025 { Present <i>Green Fort 2, Lahore</i>
Neuronexus <i>AI Intern</i> { Developed AI-powered projects using LangChain, Rag, and LlamaGraph. { Currently working on configuring and maintaining scalable MCP (Model Context Protocol) servers.	Jun 2025 { Present <i>Remote</i>

Education

FAST-NUCES, Lahore <i>Bachelor of Science in Computer Science (6th Semester)</i>	Sep 2022 { Present <i>Lahore, Pakistan</i>
Punjab College <i>Intermediate (Pre-Engineering)</i>	2019 { 2021 <i>Sheikhupura, Pakistan</i>

Technical Skills

Languages: C++, C, Python, SQL, HTML, CSS, JavaScript, Assembly Language, ASP.NET
Frameworks: React.js, FastAPI, Django, LangChain, RAG
Tools & Platforms: Git, GitHub, Linux, VS Code, HuggingFace, FAISS, JWT, WebRTC, ElevenLabs, Whisper, Google Gemini

Projects

AI Resume Interviewer Web App <i>React.js, FastAPI, Python, Gemini, FAISS, LangChain, RAG, Whisper, ElevenLabs</i> { Developed a full-stack AI-powered interview system featuring voice and text-based interactions. { Frontend built in React.js with Material-UI, animated using Framer Motion for modern UI/UX. { Backend powered by FastAPI with asynchronous architecture and JWT-based authentication. { Implemented real-time STT and TTS using Whisper and ElevenLabs for immersive voice interviews. { Utilized FAISS and LangChain for resume parsing, semantic retrieval, and personalized questioning. { Integrated session and memory management to support dynamic multi-round interviews.	2025
PrepFAST <i>Python, Django, AI/ML</i> { Developed a web platform enabling students to access past exam papers and generate AI-based practice questions. { Implemented paper evaluation features to enhance exam preparation through interactive feedback.	2024
Decision Review System <i>Python, TensorFlow, AI/ML</i> { Built a DRS system for cricket academies using ML models for ball trajectory and decision making. { Integrated modular components via REST APIs and followed software engineering best practices.	2025
Skill Share Website <i>React, ASP.NET, Django</i> { Created a platform for students to register for courses, review instructors, and track learning progress. { Developed user authentication and integrated frontend-backend interaction using RESTful APIs.	2024
Tetris Game <i>C++, OOP</i> { Built a Tetris clone using object-oriented programming and basic graphics libraries. Applied encapsulation and polymorphism for maintainable code architecture.	2023
Pac-Man Game <i>C++</i> { Created a functional Pac-Man clone during the first semester to demonstrate logical reasoning and game design fundamentals.	2022