

MUHAMMAD HUZEFA

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🌐 linkedin.com/in/muhammad-huzeifa 🔗 Portfolio Website

EXPERIENCE

Full Stack AI Engineer <i>Cvision RD</i> - Integrated LLMs, AI SDKs, vector databases, and APIs to develop AI-powered features. - Built Dockerized applications and contributed to cloud deployments, Git/GitLab CI/CD pipelines, infrastructure, monitoring, and performance optimization.	07/2026 – Present NSTP, Islamabad
AI Intern <i>IZOC Solutions Pvt Ltd</i> - Engineered RAG systems using LLMs, vector databases, embeddings, reranking, and hybrid search for enterprise knowledge retrieval. - Built AI agents with document pipelines, prompt engineering, and API integrations to automate business workflows.	04/2026 – 06/2026 Bahria Town Phase 4, Rawalpindi
Full Stack Developer <i>Nexura Solution</i> - Build and maintain end-to-end web applications, handling both frontend and backend responsibilities. - Implement RESTful APIs, authentication, and database operations; collaborate with designers to deliver scalable, user-friendly solutions.	12/2025 – 03/2026 DHA Phase 2, Islamabad
Full Stack Web and AI Developer <i>Brevitas AI</i> - Built the Brevitas research-paper summarization chatbot using LLMs and cloud functions. - Monitored application performance and resolved critical issues to maintain high availability and reliability.	09/2025 – 11/2025 Islamabad
MERN Stack Intern <i>Hexler Tech</i> - Led a team of four developers to deliver an industry-scale MERN stack application using Agile development practices. - Refactored and optimized backend APIs, improving performance, scalability, and overall application responsiveness.	06/2025 – 08/2025 NSTP, Islamabad
AI Research Intern <i>Software Productivity Strategists, Inc.</i> - Assisted in developing and testing machine learning models for real-world applications. - Worked with tools like Python, Pandas, scikit-learn, and TensorFlow to preprocess data and build models.	06/2025 – 08/2025 Remote

EDUCATION

BS Computer Science <i>NUST</i> GPA: 3.46	09/2024 – Present Islamabad
FSC Pre-Engineering <i>APSACS Ordnance Road</i> Grade: A1	08/2022 – 08/2024 Rawalpindi
Matric Sciences <i>APSACS Hyderabad Cantt</i>	08/2020 – 08/2022 Hyderabad

SKILLS

- Next.js
- Python
- Retrieval-Augmented Generation (RAG)
- Supabase
- Next.js
- Docker
- GEN Ai
- LLMs
- PostgreSQL
- Vector Databases
- Tailwind CSS
- GitLab CI/CD

PROJECTS

RecoverAI

An AI-powered rehabilitation platform that uses machine learning algorithms to personalize exercise plans based on patient data and recovery progress. It integrates real-time pain tracking, adaptive feedback systems, and data analytics to optimize treatment outcomes.

Brevitas AI – Research Paper Summarization Chatbot

Brevitas AI is an intelligent chatbot designed to summarize research papers into clear and concise explanations. It helps users quickly understand complex academic content by extracting key ideas, findings, and conclusions using AI techniques.

Caralyze - AI assistant

A full-stack MERN web app that helps users buy cars by analyzing condition and value using AI models, with smart comparison and filtering tools. Integrated features like forums, car history reports, authentication, and an AI-powered recommendation system for intelligent decision-making.

Classroom Booking System for SEECs

Built a website for reserving classrooms within SEECs, featuring a clickable map interface using html, css and javascript for front end and node.js and express for backend. Included admin controls, schedule visualization, database integration, and conflict detection.