

Maryam Zaheer

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Garhi Shahu, Lahore

SUMMARY

Computer Science student at UET Lahore (CGPA: 3.4/4.0) with hands-on experience building full-stack web applications, Android mobile apps, and AI-powered systems. Proficient in MERN stack, Kotlin, and machine learning pipelines. Seeking a software engineering opportunity to apply skills in scalable architecture and real-world problem solving.

EDUCATION

Bachelor of Science in Computer Science	2023 – 2027
University of Engineering and Technology (UET), Lahore	CGPA: 3.4 / 4.0
Intermediate (FSc Pre-Engineering)	2021 – 2023
PGC Shalamar Campus, Lahore	

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, SQL, C#, HTML, CSS
Frameworks & Libraries: React, Next.js, Node.js, Express.js, Django, Tailwind CSS
Databases: MongoDB, PostgreSQL, MySQL, Firebase, Supabase, Appwrite
Mobile Development: Android, Kotlin, Java, XML UI, REST API Integration
Tools & Platforms: Git, Postman, Cloudinary, JWT Authentication, n8n, REST APIs
Core CS: Data Structures & Algorithms, OOP, DBMS, Machine Learning, Computer Vision, NLP
AI & Automation: Large Language Models, Prompt Engineering, Agentic Workflows, MCP

PROJECTS

WorkPulse – Productivity Intelligence Platform	2025-26
- Built full-stack productivity monitoring platform using Node.js, React, and MongoDB with AI orchestration and MCP integration - Developed NLP-powered natural language query engine; implemented EasyOCR-based activity detection with 95% accuracy - Designed JWT multi-tenant authentication system with n8n automation workflows	
GameHub – Android Gaming Application	2026
- Developed Android app featuring 7 interactive games using Kotlin, MVVM architecture, RecyclerView, and Firebase - Integrated REST APIs and Broadcast Receivers; implemented animations, timers, and scoring systems	
YouTube + Tweet Platform – MERN Stack	2025
- Built full-stack social platform with video sharing, microblogging, likes/comments, and Cloudinary media uploads - Designed scalable REST APIs using Node.js, Express.js, and MongoDB Atlas with secure JWT authentication	
Mini Excel & Solitaire – Data Structures Projects	2024-25
Built spreadsheet simulator using linked lists, graphs, stacks, and trees; implemented Solitaire game with undo/redo via stack and queue	

RESEARCH

AI-Based Depression Detection from Social Media	2025
Built an LSTM-based NLP model for depressive text classification using social media datasets; applied deep learning techniques for mental health analysis.	

RELEVANT COURSEWORK

Object-Oriented Programming, Data Structures & Algorithms, Advanced DBMS, Machine Learning, Computer Vision, Web Development, Mobile App Development, Natural Language Processing, Software Project Management, Artificial Intelligence