

Md Fahim Imtiaz Khan

AI & Software Engineering Student

Chengdu, China

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Technical Skills

Languages: Java, Python, C, C++

Mobile Development: Android (Java), REST APIs, YouTube Data API Integration

AI / ML: YOLOv8, On-Device LLM Systems, Edge AI Optimization, Model Evaluation

Web: HTML, CSS, JavaScript, Vue.js, Django

Databases: MySQL, SQL Query Design

Tools: Git, GitHub, Linux CLI, Android Studio

Research & Technical Experience

PersonaMQA – On-Device LLM Persona Inference System

- Designed privacy-preserving mobile LLM auto-reply system running fully on device
- Implemented persona-based contextual modeling without cloud data transmission
- Optimized inference pipeline for efficient edge deployment

Multi-Task YOLOv8 Warehouse Automation System

- Developed multi-task detection and classification pipeline
- Applied domain adaptation techniques for improved real-world robustness
- Structured system architecture for warehouse automation scenarios

Selected Projects

YouTube-Style Android Application

- Built Android application integrating YouTube Data API
- Implemented video search, playback, and asynchronous API handling
- Designed responsive UI with structured network request management

Central Advert Agency Website

- Developed responsive digital marketing agency website
- Implemented mobile-first UI with structured service and portfolio sections
- Applied modern UI/UX principles and performance optimization

Portfolio Website Development

- Designed and deployed responsive personal and client portfolio websites
- Implemented modern UI using HTML and Tailwind CSS

Supermarket Billing System

- Built POS system with inventory tracking and reporting modules

Education

Bachelor of Science in Software Engineering

2024 – Present

Chengdu Neusoft University, China

Languages

Bengali (Native), English (Advanced – C1), Urdu (Fluent), Hindi (Fluent), Mandarin Chinese (Basic–Intermediate)