

Hasnain Khalid Bhatti

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SUMMARY

Software Engineer specializing in AI-powered applications, web platforms, and mobile solutions. Skilled in building scalable, user-centric applications with expertise in mobile and web development, AI/ML integration, and cloud technologies. Fluent in English with partial Arabic proficiency and a valid QID. Seeking AI-driven projects and software engineering roles in Qatar.

TECHNICAL SKILLS

Frontend: Kotlin, JavaScript, React, Flutter
Backend: Node, Express, Django, Python
Database: SQL, Firebase, MongoDB, Isar, Room

EDUCATION

University of Engineering & Technology <i>Bachelors of Science in Computer Science</i>	Lahore, Pakistan 2020 – 2024
Government College University <i>Intermediate- Pre Engineering</i>	Lahore, Pakistan 2018 – 2020
Bright Future International School <i>High School and Secondary Education</i>	Doha, Qatar 2007 – 2018

EXPERIENCE

Full Stack Developer <i>7 Kings Code</i> <ul style="list-style-type: none">Developed RESTful APIs with Django for the Jobsshopper project,Designed and implemented RESTful APIs to support various functionalities such as user authentication and job listing management..	May. 2024 – July. 2024 Lahore, Pakistan
Android Developer Intern <i>Systems Ltd.</i> <ul style="list-style-type: none">Engaged in a dynamic training-based internship program, gaining hands-on experience in Android app development with a focus on Kotlin.Applied modern architectural patterns such as MVVM and MVI to enhance code maintainability and scalabilityDeveloped an app called Road-side-Assistance using jetpack compose, to help and aid people in distress	June. 2024 – Aug. 2024 Lahore, Pakistan

PROJECTS

ERDify-An Automated ER Diagram generator <i>MERN, Django, Documentation, Agile</i> (Link) FYP Project <ul style="list-style-type: none">Developed an AI-powered software solution to automate database schema generation, assisting backend developers in designing ERDs and schemas for MongoDB, SQL, and other databases.Utilized NLP and ML models (BERT, GPT-2) to extract entities from case studies, summarize large texts, and generate structured attributes for database design.
AI-Powered Teaching Assistant <i>Streamlit, HuggingFace, AI/ML API, Deepseek.</i> (Link) <ul style="list-style-type: none">AI-powered teaching assistant that enhances classroom learning by providing real-time Q/A, interactive lessons, and AI-generated quizzes to support students and teachers.Integrated DeepSeek-R1 from AIMLAPI for advanced natural language understanding and text generation, enabling AI-driven lesson explanations and student interactions.
Medical Report Analyzer <i>Python, Gradio, Deepseek-R1</i> (Link) <ul style="list-style-type: none">Developed an AI-powered medical report analyzer that enables users to upload report for analysis.Integrated the DeepSeek-R1 model to generate curated, AI-driven summaries of medical data
Expense Tracker App <i>Flutter, Bloc, Isar DB</i> (Link) <ul style="list-style-type: none">Developed an intuitive and user-friendly expense tracking application with features like expense categorization, income tracking, and monthly summaries.Utilized the Bloc pattern for efficient state management, ensuring a responsive and scalable architecture.