Zubair bin Jashim

Software Engineer

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Zubair bin Jashim
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Summary

Ambitious Computer Science graduate with strong full-stack web/mobile and applied AI/ML skills demonstrated through impactful projects. Seeking an entry-level Software Engineer or AI Engineer position to contribute to innovative solutions.

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Experience

Qatar Mobility Innovations Center (QMIC) / AI Engineering Intern
JUNE 2025 - AUGUST 2025, QATAR

Engaged in Research and Development within the AI engineering team, focused on prototyping next-generation intelligent systems that bridge the physical and digital worlds. My work explored the practical application of advanced AI models to solve real-world mobility and scene understanding challenges.

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Projects

End-to-End RAG-Based AI Assistant with Web Interface:
Engineered a full-stack web application implementing Retrieval-Augmented Generation (RAG) to query uploaded documents via a chat interface. Developed the full-stack architecture, including backend pipelines for data processing/retrieval and integration with a Gemini API using Next.js.

Advanced Mobile Image Analysis App with AI & Cloud:
Developed a mobile application using Expo React Native that performs image analysis by integrating with a Gemini API (Vision). The app handles image capture/upload and displays structured AI results through a user-friendly interface.

Machine Learning Model Deployment and Monitoring System:
Engineered a system to deploy trained machine learning models as a web API endpoint using FastAPI. The system includes basic monitoring and can optionally be containerized with Docker, demonstrating MLOps principles.

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Skills

Programming Languages: Python, JavaScript, TypeScript, Java

Frameworks & Libraries: Next.js, React Native, Expo, Flutter, scikit-learn, FastAPI, Chart.js/Plotly for visualization, PyTorch, TensorFlow, LLM APIs

Tools & Technologies: Git, Docker, SQL/Database tools, RESTful API Design, Containerization, Vector Databases, RAG and Agentic Systems, MCP Servers, Azure AI Foundry, Computer Vision

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Education

Qatar University / Computer Science
SEPTEMBER 2021 - DECEMBER 2025, QATAR

Relevant Coursework: Data Structures and Algorithms, Web Development, Mobile Development, Data Science, Machine Learning, Deep Learning