

Ritik Mishra

FULL STACK DEVELOPER

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SKILLS

Programming: JavaScript, Python

Stack: Node.js, Express.js, Django, Flutter, Framer Motion, Tailwind CSS, Nextjs

Databases: PostgreSQL, MongoDB, Redis.

Tools & Libraries: TensorFlow, Streamlit, REST APIs, Google AWS, Docker, Git, GitHub

Concepts: System Design, Microservices, Authentication & Authorization, Caching, Asynchronous APIs

PROJECTS

Arto Bot AI – AI Search & Q&A App

Built an AI-powered conversational search app using **Flutter** and **FastAPI**.

Integrated **Google Gemini API** for reasoning, summarization, and natural language Q&A.

Designed a low-latency REST backend for real-time AI responses.

Developed a clean, cross-platform mobile UI with Flutter and Dart.

Image Classification Web App – Deep Learning

Built a real-time image classification web app using **TensorFlow (MobileNetV2)** and **Streamlit**.

Implemented image preprocessing pipeline with **OpenCV, PIL, and NumPy** for accurate inference.

Displays **Top 3 predictions with confidence scores** using a pre-trained ImageNet model.

Demonstrates end-to-end ML deployment, from preprocessing to production-ready UI.

LazyText - Real-Time Chat Application

Built a production-ready real-time chat app using **Node.js, Express, Socket.IO, and React**.

Implemented one-to-one and group messaging with **read receipts, typing indicators**.

Designed **JWT-based authentication** and persistent message history with pagination.

Enable horizontal scalability using **Redis Socket.IO adapter** for multi-instance deployments.

EDUCATION

Master of Computer Applications (MCA)

Manipal University Jaipur (2023- 2025)

CERTIFICATION

Capstone: Preparing to work as a Cloud Support Associate

Put It All Together: Prepare for a Cloud Security Analyst Job