

# MOHAMMAD OVES

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## Skills

**AI/LLM** LangChain, LlamaIndex, RAG

**Frontend** React, Next.js, Tailwind CSS

**Backend** Node.js, Express.js, n8n

**Languages** C++, Python, JavaScript, TypeScript

**Database** MongoDB, MySQL, PostgreSQL

**DevOps** AWS, Docker, Git, GitHub

## Experience

### Software Engineer Intern

June 2025 – July 2025

*Fotographiya*

*Kota, Rajasthan*

- Designed and developed a **full-stack AI-powered album selection platform** with separate admin and user dashboards to automatically identify high-quality images from **10,000+ event photos**.
- Built **image quality assessment pipelines** integrating AI models to evaluate sharpness, noise, brightness, and composition, achieving **90% accuracy** in quality prediction.
- Implemented **role-based access control** with admin panel for bulk photo management and user interface for album browsing and selection.
- Automated the photo review workflow with **AI-based filtering**, reducing manual selection time by **70%** and saving photographers **12+ hours per event**.

## Projects

### Medi AI | aimeditech

🗄 SourceCode

- Developed **Medi AI**, a full-stack AI voice assistant for medical consultations using Next.js and TypeScript, serving **500+ consultation sessions**.
- Integrated **Vapi AI** to enable real-time voice interactions with **less response time** and AI-driven specialist recommendations.
- Designed secure authentication and patient data management using **Clerk and PostgreSQL**.
- Implemented automated medical report generation with **95% accuracy**, providing structured consultation summary.

### AI Document Assistant (RAG) | AI Document

🗄 SourceCode

- Built an AI-powered PDF Q&A system using **LangChain with RAG architecture** to extract contextual answers from uploaded documents with **semantic search**.
- Implemented vector embeddings with Sentence-Transformers and FAISS indexing for efficient retrieval, generating answers in **bullet points or paragraphs** based on query intent.
- Integrated **HuggingFace BART** model for text summarization and deployed on **Streamlit Cloud**.

### Imagine AI | imagineai

🗄 SourceCode

- Built **Imagine AI**, an AI-powered image generation platform using n8n Cloud for end-to-end workflow automation.
- Automated the complete pipeline from frontend request to image generation and **email delivery via Gmail** using n8n.
- Developed a scalable **React and Express** interface connected to the automated n8n backend.
- Integrated **Clerk authentication and Supabase** for secure user management and data storage.

### FitFussion | fitfussion

🗄 SourceCode

- Built a responsive **MERN stack fitness platform** with modern UI serving and seamless navigation.
- Integrated **Razorpay payment gateway** for secure online membership payments, processing transactions.
- Implemented automated **email notification system** for membership confirmation, renewal reminders, and promotional campaigns.

## Education

### Rajasthan Technical University

2023 – 2027

*Bachelor of Technology in Computer Science*

*CGPA – 8.4*

## Certifications & Activities

- LeetCode Rating: 1627** (Top 20% globally) with consistent daily practice and contest participation.
- Completed hands-on labs and challenges in **Google Cloud Skillboost**, deploying applications, configuring resources, and working with cloud infrastructure while earning digital badges for completed modules.
- Contributed to open-source projects during **Hacktoberfest** by submitting verified pull requests, fixing issues, and collaborating with maintainers while following GitHub contribution guidelines.