

Abhishek Rajput

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EDUCATION

SPECIALIZATION IN AI

MINOR IN ARTIFICIAL INTELLIGENCE
Aug 2025 | IIT ROPAR, IN

J.SAWANT COLLEGE OF ENGINEERING

BTECH IN MECHANICAL

Jun 2024 | Pune, IN
Savitribai Phule Pune University GPA:
7.44 / 10.0

ARMY PUBLIC SCHOOL

Grad. May 2020| Jabalpur, India

LINKS

Github:// [abhiraj7821](#)

LinkedIn:// [abhiraj7821](#)

COURSEWORK

SPECIALIZATION

Advanced Machine Learning
Open Source Software Engineering
Advanced Deep Learning
NLP | PyTorch
Cloud Computing
Transformer Architecture
Defending Neural Networks
Machine Learning
([Huggingface](#) | [llamaindex](#) | [Langchain AI Agent Dev](#))

UNDERGRADUATE

Information Retrieval
Operating Systems
Artificial Intelligence + AI Agents
OOPS Programming
Computer Graphics

SKILLS

PROGRAMMING

Over 5000 lines:

Nodejs • Reactjs • Javascript • MongoDB
• ExpressJs • Python • REST API
• SQL • DevOps ([Kubernetes/Dockers](#))
• Transformer • PyTorch • NLP
• Huggingface • Computer Vision

Over 1000 lines:

C • C++ • CSS •

Familiar:

• Data Structures • Algorithms

EXPERIENCE

AI DEVELOPER | PERSONAL PROJECTS

AI-POWERED GOOGLE DOCS KNOWLEDGE ASSISTANT [link](#) FULLSTACK AI

- Built a RAG-based document intelligence system using LangChain and OpenAI that processes Google Docs content into Pinecone's vector database, enabling semantic search with 90%+ accuracy in retrieving relevant answers.
- Developed secure OAuth 2.0 integration with Google Workspace, session management, and a React frontend, reducing manual document search time by 80% for end-users.

CODE REVIEWER [link](#)

GENAI DEBUG ASSISTANT

- Developed an AI-powered code review tool using [React.js](#), [Node.js](#), and [Google Gemini \(gemini-2.0-flash\)](#) to analyze code quality, detect issues, and provide contextual feedback with syntax highlighting.
- Integrated LLM-based backend with a modern frontend UI, leveraging [Prism.js](#), [axios](#), and [rehype-highlight](#) to deliver real-time reviews with markdown rendering and seamless user experience.

ASKANY [link](#)

MULTI-LLM RAG APP

- Built an advanced Retrieval-Augmented Generation (RAG) system using Streamlit, FAISS, and Hugging Face Transformers
- Enabled intelligent QA over custom documents (PDF, DOCX, TXT, web links) with semantic search via vector embeddings Integrated multiple LLMs

WATER INTAKE AGENT [link](#)

AI-POWERED HYDRATION TRACKER

- Created a smart health-tracking app using FastAPI, LangChain, and Streamlit
- Implemented a backend to log and store water intake in SQLite, with AI-driven hydration suggestions via LangChain + OpenAI

ACADEMICS

MINOR IN ARTIFICIAL INTELLIGENCE | IIT ROPAR

Aug 2024 – Aug 2025 | IIT Ropar

Specialized in Neural Networks, Deep Learning, Computer Vision, Transformers architecture and Multi-head Attention

AZURE AI FUNDAMENTALS | [MICROSOFT LINK](#)

Microsoft Azure AI Fundamentals: AI Overview

MLOPS | [GOOGLE LINK](#)

Machine Learning Operations

PYTHON FOR DATA SCIENCE | [IBM LINK](#)

IBM Skills Network

INTEREST AND HOBBIES

Gym Fitness
AI Challenges