



KAUSTAV KUMAR KHANIKAR

CONTACT

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EDUCATION

Gauhati University

MLISc
2023 - 2025

JIST, Jorhat

B.Tech-ECE
2019 - 2023

KKHSOU

BCA
2020 - 2023

SKILLS

- Web Development
- Full Stack Development
- Library Management
- LMS Management
- Digital Library Deployment
- Web Hosting
- R Statistical Programming
- UI/UX Design
- RAG Pipeline Implementation
- Finetuning LLM

LANGUAGE

- English
- Assamese
- Hindi

RESEARCH SCHOLAR

Department of Library & Information Science
Gauhati University | 2025 - Present

- Conducting research on AI adoption and emerging technologies in Library and Information Science.
- Working on bibliometric studies, literature reviews, and statistical analysis using R.
- Exploring applications of LLMs, RAG, and AI-powered library services.

WEB DEVELOPER & AI ENTHUSIAST

Freelance / Personal Projects | 2022 - Present

- Developed full-stack web applications using Django, React, Next.js, and Tailwind CSS.
- Built AI-powered solutions including RAG systems, library chatbots, and Vision-LLM applications.
- Designed and deployed websites, databases, and digital information systems.

SELECTED PROJECTS

- Department Representative Selection Portal - Developed an online election management system using Django and SQLite.
- Virtual Library Assistant (RAG) - Built a retrieval-augmented chatbot for library-specific information services.
- Library Chatbot Fine-Tuning - Fine-tuned Llama 3.2 using a custom library dataset for domain-specific query handling.
- Vision-LLM Cataloguing System - Automated bibliographic metadata extraction using Vision LLMs and Koha.
- Personal Portfolio - Managed deployment, hosting, and maintenance of personal portfolio site. [available at www.kaustavkhanikar.site]

ACHIEVEMENTS

- UGC NET/JRF AIR-3 [LIS>December, 2024]
- GOLD MEDAL [Dept. of Library and Information Science, Gauhati Univesity]
- SLET NE [2025]

WORKSHOP AND TRAINING

- 1 week workshop on SOUL and DSpace provided by INFLIBNET
- 1 month internship on Library Functions at KKH Library, GU
- Building a Full Website using WordPress from Coursera
- Data Visualization in R from Coursera provided by Johns Hopkins University