

LAKSHYA BORASI

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EDUCATION

Bachelor of Technology in Artificial Intelligence and Machine Learning <i>Technocrats Institute of Technology, Bhopal</i>	Oct 2021 - Present CGPA : 7.53
Higher Secondary School Certificate <i>Gyan Sagar Public H.S. School, Indore</i>	May 2020 - May 2021 Percentage : 87.67%
Secondary School Certificate <i>V.S. Public H.S. School, Bhopal</i>	May 2018 - May 2019 Percentage : 88.21%

WORK EXPERIENCE







Research Intern <i>Indian Institute of Technology - Mandi</i>	Jul 2024 - Jul 2024 Mandi, India
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- Contributed to CLIP development for image-text retrieval. Built & trained model using PyTorch, Tensorflow etc.
- Developed machine learning model using Librosa to convert audio to spectrograms. Facilitated audio analysis for ML projects.

SKILLS

- Programming Languages :** Python | JavaScript | C++ | SQL
- Frameworks and Libraries :** React JS | Tailwind CSS | HTML | Numpy | Pandas | Tensorflow | Scikit-Learn | Matplotlib | Keras
- Tools & Software :** VS Code | Github | MongoDB | MySQL | Firebase | Vercel
- Core Subjects :** Data Structure & Algorithms | Database Management System | Object Oriented Principles | Machine Learning
- Soft Skills :** Teamwork | Time Management | Work Ethic | Adaptability | Collaboration

PROJECTS

- Vision Language Model (VLM) |  | **
- Fine-tuned CLIP model for image-text retrieval, zero-shot classification, and captioning.
 - Conducted research under IIT Mandi, contributing to state-of-the-art visual language models.
 - Utilized PyTorch and TensorFlow for model development and training.
 - Employed Python, Pandas, Matplotlib, and Keras for data processing and visualization.
- Spam Email Classification Model | **
- Developed a robust spam detection model achieving 98% accuracy.
 - Employed machine learning techniques to classify email content as spam or non-spam.
 - Utilized Python, NumPy, Pandas, and Scikit-learn for development and implementation.
- School Management System | **
- Developed full-stack school management system using MERN stack.
 - Implemented user management (students, teachers, admin) with role-based access control.
 - Managed data for attendance, fees, schedules, and notifications.
- Devnode - A Blogging Platform |  | **
- Built a dynamic web application featuring user authentication, real-time data management, and rich user interactions.
 - Implemented Firebase Authentication and Firestore for secure user management and scalable data storage.
 - Enhanced user experience with rich text editing, image uploads, and a robust commenting system.
 - Leveraged HTML5, Tailwind CSS, JavaScript, TypeScript, Next JS, React JS, and Firebase for development.

ACHIEVEMENTS

- Open Source Contributor in GSSOC'24 GirlScript Summer of Code.
- Participated in 5 Hackathons and finalin 1 Hackathon worked on Real-world projects with the team.
- Around 100+ Questions solved of Data Structure and Alogrithms on various coding platform like codechef, leetcode etc.
- Volunteered & Coordinated in 4+ Local and International Events like India Blockchain Week , Web3 Carnival, UbuCon Asia etc.

POSITION OF RESPONSIBILITY

- Facilitator - Google Cloud :** Contribute to building a strong cloud community and helping others achieve their career goals. Promoting the Google Cloud Arcade platform and its benefits.
- Content Writer - UbuCon Asia 2024 :** Developed engaging content for UbuCon Asia 2024 conference.
- Developer Advocate - Oraichain :** Drove developer adoption and community growth for Oraichain.
- Organizer - Buildl-a-thon :** Led core team in organizing online hackathon for Central DAO.

CERTIFICATE

- IBM** - Introduction to Data Science | Cloud Computing Fundamentals
- Google** - Introduction to Generative AI | Introduction to Large Language Models | Google Cloud Computing Fundamentals