

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> <ul style="list-style-type: none">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.	Jul 2024 - Jul 2024 Mandi, India
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SKILLS

Programming Languages : Python, JavaScript, TypeScript, C++, SQL
Frameworks and Libraries : React JS, Node JS, Tailwind CSS, 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)   <ul style="list-style-type: none">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  <ul style="list-style-type: none">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  <ul style="list-style-type: none">Developed full-stack school management system using MongoDB, Express JS, React JS, Node JS.Implemented user management (students, teachers, admin) with role-based access control.Managed data for attendance, fees, schedules, and notifications.
Devnode - A Blogging Platform   <ul style="list-style-type: none">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 finalist in 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 - 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.
- 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 - Buidl-a-thon :** Led core team in organizing online hackathon for Central DAO.

CERTIFICATE

- Oracle** - Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- IBM** - Introduction to Data Science | Cloud Computing Fundamentals
- Google** - Introduction to Generative AI | Introduction to Large Language Models