

ARPITA KHOBRADE

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EDUCATION

- Indian Institute of Technology, Mandi** 2023-2027
Bachelor of Technology - Data Science and Engineering
Relevant Courses: Data Structures and Algorithms, Linear Algebra, Mathematical Foundations of Data Science, Data Science 3, Design Of Algorithm, Probability and Statistics, Information and Database Systems
- School of Scholars**
Class XII - Percentage: 83.2% (2022)
- St.Peters School**
Class X - Percentage: 91.6% (2020)

WORK EXPERIENCE

- Web Developer Intern** Remote
Reto India Mar 2025 – Present
 - Developing and optimizing web applications for better performance.
 - Implementing responsive UI designs for enhanced user experience.
 - Working with modern web technologies like React.js and Node.js.
 - Collaborating with teams to improve website functionality.
 - Techstack:** React.js, Node.js, JavaScript, UI/UX Design, Performance Optimization

PROJECTS

- CauliCare – Cauliflower Disease Detection** GITHUB CODE LINK WEBSITE WORKING
 - Developed a CNN-based image classification model to predict cauliflower diseases from leaf images.
 - Preprocessed the dataset with image augmentation techniques to improve model robustness.
 - Achieved significant accuracy by fine-tuning hyperparameters and utilizing data normalization techniques.
 - Deployed the model on a web platform using Flask for real-time predictions and user interaction.
 - Techstack:** Python, TensorFlow, Flask, Deep Learning, Image Processing
- Portfolio Website** GITHUB CODE LINK WEBSITE LINK
 - Designed and developed a personal portfolio website using Next.js and Tailwind CSS.
 - Implemented interactive UI components, animations, and a responsive layout.
 - Deployed the website on Vercel for seamless hosting and fast performance.
 - Techstack:** Next.js, CSS, JavaScript, Web Development, UI/UX
- CashBot** GITHUB CODE LINK
 - Developed a Currency Converter Chatbot using Flask, Python, Requests, Matplotlib, and the Free Currency Converter API for real-time conversion, historical data visualization, and seamless user interaction.
 - Integrated the Free Currency Converter API for live data and used Matplotlib to generate weekly exchange rate graphs dynamically.
 - Ensured robust error handling and optimized API requests for reliability and performance. Focused on secure API key management and deployed a user-friendly interface for seamless interactions.
 - Techstack:** Flask, Python, API Integration, Data Visualization, Matplotlib

SKILLS SUMMARY

- Programming Languages:** C++, Python, HTML, CSS, JavaScript
- Frameworks and Databases:** Flask, MongoDB, Node.js, Express.js, Flutter, Machine Learning (TensorFlow and Keras), MySQL, React.Js
- Relevant Libraries and Tools:** Pandas, Matplotlib, NumPy, Bootstrap, Git, BeautifulSoup, OpenCV, PyTorch

ACHIEVEMENTS

- Got Selected for Grand Finale of Cyber for Her Hackathon** 2025
- Got Selected for Second Round of Smart India Hackathon** 2024
- Student Trainee at SheCodes** 2024

POSITIONS OF RESPONSIBILITY

- Member of Publicity Team, Miraz, IIT Mandi** 2023
- Member of National Service Scheme, IIT Mandi** 2023