

# BHAVYA MADAN

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## EDUCATION

**Madhav Institute of Technology and Science, Gwalior (M.P.)**

*Bachelor of Technology in Artificial Intelligence and Machine Learning*

*July 2022 – Present*

**CGPA: 8.518**

**Ashoka Hall Senior Secondary School, Jabalpur (M.P.)**

*Class XII (CBSE)*

*April 2020 – April 2022*

**Percentage: 92.8%**

## EXPERIENCE

**Skyroads Gaming Club- Secretary**

*August 2023 - Present*

- Directed the design process for promotional visuals like event posters and Instagram stories while coordinating with three dedicated virtual teams to enhance overall project efficiency and maintain clear lines of communication.

**Head-starter AI Fellow**

*July 2024 - September 2024*

- As a Head-starter AI Fellow, I collaborated with a diverse community of developers and beginners, working weekly on projects to enhance their skills and deliver high-quality results in each selected track.

**DSA Enthusiast and Problem Solver**

*October 2023 - January 2024*

- Engaged daily with diverse programming challenges, identifying key areas for improvement that led to pinpointing three major errors affecting code execution speed during peer review sessions within collaborative study groups.

## PERSONAL PROJECTS

**Inventory Management | Next, Firebase, MUI**

*August 2024*

- Implemented and streamlined an inventory management system, optimising real-time tracking and updates.
- Enhanced user interaction through intuitive UI design and integrated efficient database management processes.
- Added features for managing inventory items and real-time search/filtering.

**Legal Connect | Figma, UI/UX**

*March 2024 - April 2024*

- Led the design of an interactive UI for a LinkedIn/Reddit-like platform, incorporating user research to shape interactive features.
- Utilised Figma and other design tools to create wireframes, prototypes, and high-fidelity designs, ensuring alignment with project goals.

**Personal Portfolio | HTML5, Bootstrap**

*September 2023*

- Designed and produced a personal portfolio website, incorporating user-driven research to integrate interactive components and enhance user experience.
- Leveraged modern web technologies like HTML, CSS, and JavaScript to create a dynamic and visually appealing site.
- Incorporated SEO best practices to improve visibility and ranking across search engines

**Chatbots | Python, NLTK, TensorFlow, Scikit-learn**

*July 2023*

- Developed chatbots to respond to diverse user queries, utilizing various training methods.
- Gained hands-on experience in building and deploying AI-driven solutions as part of the Summer Internship Program Skills 2023.
- Enhanced chatbot performance through continuous training and fine-tuning, improving accuracy and user experience.

## TECHNICAL SKILLS

**Languages:** Python, C++, MySQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Express, Tailwind

**Developer Tools:** Git, Google Cloud Platform, Figma, Canva

**Libraries:** pandas, NumPy, matplotlib, TensorFlow

**Certificates:** [Summer Internship Program on Artificial Intelligence and Machine Learning 2023](#), [NPTEL Certification in DSA using Python](#)