Mayura Varma Jain

Aspiring Master of Computer Applications Student

An enthusiastic MCA student with a passion for web development, skilled in technologies such as HTML, CSS, JavaScript. Experienced in building user-friendly solutions and eager to apply technical expertise to solve real-world challenges.

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📱 8792010099

mayuraportfolio.vercel.app/

github.com/Mayuravarmajain

EDUCATION

Master of Computer Application
Acharya Institute of Technology, Bangalore
2023 - Present   *86%*

Bachelor of Computer Application
Shri Dharmasthala Manjunatheshwara College, Ujire-Mangaluru
2020 - 2023   *CGPA: 7.34*

Pre-University Education
Shri Dharmasthala Manjunatheshwara College, Ujire-Mangaluru
2018 - 2020   *84.66%*

Secondary School Leaving Certificate
GOVT High School Nittur, Shivamogga
2015 - 2018   *86.88%*

PERSONAL PROJECTS

Tracking Carbon Footprints Using Python For Emission Analysis (2025)
- Analyzed CO_2, CO, and CH_4 emissions using Python to reveal regional and sectorial trends, with an interactive dashboard for policy insights and sustainable planning.

IOT Based Air Pollution Monitoring System (2025)
- Developed a real-time air quality monitoring system using MQ-135 and MQ-5 sensors with ESP32 and MQTT. Data is visualized on the Blynk app, enabling users to remotely track CO, CO_2, methane, and other pollutants, supporting timely action and environmental awareness.

Automation Job Hiring System (2023)
- Developed a responsive web application using PHP and MySQL. The system facilitates daily wage workers and service providers to connect seamlessly.

Personal Portfolio (2024)
- Designed and developed a responsive portfolio using HTML, CSS, and JavaScript to showcase skills, projects, and certifications with a clean, user-friendly interface.

WORK EXPERIENCE

Web Development Intern
QUEUETECH SOLUTIONS, Mangaluru .
01/2023 - 06/2023
Developed and implemented new features for a web application using PHP and MySQL.

SKILLS

Programming :: | C | C++ | Java | Python | JavaScript | MYSQL | HTML | CSS | ML

ACHIEVEMENTS

Inter-department Coding Competition. (2024)
*Secured third place in an **Inter-department Coding Competition**.*

Smart India Hackathon (2024)
*Participated in the **Smart India Hackathon**, presenting innovative solutions for enhanced heritage site protection.*

CERTIFICATES

Mastering JavaScript Fundamentals (2024)
Issued by Geek star on 21st September 2024

SQL (Intermediate) (2024)
Issued by Hacker Rank in 2024

Data Structures (2022)
Online course authorized by the University of California, San Diego, offered through Coursera

Blockchain and its Application (2025)
Issued by NPTEL online certification

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

Kannada
Native or Bilingual Proficiency

INTERESTS

Coding Challenges | Exploring Historical Places | Sports | listening | Agriculture