

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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📍 Bangalore, India

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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

87.66%

PERSONAL PROJECTS

Tracking Carbon Footprints Using Python For Emission Analysis (2025)

- Analyzed CO₂, CO, and CH₄ 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, CO₂, 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