

# Pavankumar B V

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## PROFESSIONAL SUMMARY

Motivated MCA student highly proficient in Java, Python, C++, and JavaScript, with expertise in modern web development (React, Node.js), database management (MySQL, MongoDB, Oracle), and data analytics including Machine Learning fundamentals. Eager to leverage strong technical abilities and innovative problem-solving to contribute impactful solutions within the IT industry.

## CORE SKILLS

• Programming Languages: Java, Python, C, SQL Web Technologies: HTML5, CSS3, JavaScript, Bootstrap  
Databases: MySQL, MongoDB Frameworks / Libraries: React (basics), Node.js (basics)

## PROJECTS

### Real time traffic Analysis

A web-based real-time traffic analysis system that uses an API key to show current traffic congestion for any searched area. It analyzes live vehicle speed from GPS and traffic APIs to detect slowdowns, helping users quickly view conditions and choose the fastest route.

### Plagiarism and paraphrase detection

plagiarism and paraphrase detection system that uses an API key to compare user text with online databases and AI similarity services. It analyzes sentence structure and meaning to detect copied or reworded content, ensuring originality and academic integrity.

## ACHIEVEMENTS

Participated in CICADA – Agentic AI Competition, showcasing innovative problem-solving and practical AI implementation skills.

Served as the Editing Team Member for the FXC Club during my MCA, contributing to video editing, content creation, event promotions, and supporting the team in producing high-quality media content.

## CERTIFICATIONS

Artificial Intelligence in the Real World — Upgrade

Full Stack java — TNS

Python for Data Science — Infosys Springboard

## EDUCATION

**Master's in Computer Applications**

Jul 2026

Atria Institute of Technology

**Bachelor's in Computer Application**

Jul 2024

Vidyavahini First Grade College