

MANOJ K V

manojkv126@gmail.com /9353001089/ www.linkedin.com/in/manojkv18/ Location: Bengaluru

Career objective

A confident and bold graduate, I thrive on motivation and continuous learning. With a strong desire to explore the world of work and gain valuable experience, I am eager to apply my knowledge and skills. Seeking opportunities to contribute and grow, I am ready to make a meaningful impact in my professional setting.

Education

Master of Computer Applications(MCA)

Presidency College (Autonomous) Bengaluru, Affiliated to Bengaluru City University.

- Dec 2024 – July 2026
- CGPA: 8.4/ 10

Bachelor of Computer Applications(BCA)

Sahyadri Science College, Shivamogga

- Nov 2021 - Jul 2024
- percentage: 86

Higher secondary education-Class XII

Alvas PU College, Mudbidri

- May 2019 - Jul 2021
- Percentage: 91.66

Secondary Education (state)-Class X

Government Junior College, Koppa

- April 2019
- Percentage:81.76

Projects

Online auction System | HTML, CSS, php,xampp

- Developed and maintained web applications using PHP, HTML, CSS, JavaScript, and MySQL.
- Collaborated with the team to build a fully functional online auction platform, where users could list antique or rare items, and others could place bids.
- Implemented features like user registration/login, item listing, bidding system, and real-time bid updates.

- Gained experience in integrating front-end and back-end functionalities and applying CRUD operations for dynamic content

Vehicle Detection and Traffic Analysis System using YOLOv8

- Developed an AI-powered traffic monitoring system using Python, YOLOv8, OpenCV, and Flask to detect, classify, and track vehicles from traffic videos.
- Implemented vehicle counting, speed estimation, traffic congestion analysis, heatmap generation, and Automatic Number Plate Recognition (ANPR) using EasyOCR.
- Designed a Flask-based dashboard to display real-time traffic analytics and generate reports in CSV and JSON formats.
- Integrated Vehicle Actuated Control (VAC) and Multinomial Logit (MNL) algorithms for intelligent traffic signal management based on traffic density.

Technical Skills

Programming: Python, SQL

AI / ML: Machine Learning Concepts

Web Technologies: HTML, CSS, JavaScript

Soft Skills

- Leadership
- Time Management
- Team work
- Adaptability

Tools

- Power BI
- Cisco packet tracer

Personal Information

Father Name: Vijay K.N

Mother Name: Sudha K.V

Date Of Birth: 12-09-2003

Languages: English, Hindi, Kannada