

R Manoj Kumar

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SUMMARY

Disciplined and hardworking B.Tech (CSE) student at VIT Bhopal University with a strong foundation in Java, JavaScript, HTML, CSS, and other web development technologies. Collaborative and adaptive, with experience in AI/ML and full-stack web development. Eager to contribute to a dynamic team and leverage technical skills in a professional setting.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript

Web Technologies: HTML, Tailwind CSS, Bootstrap, React.js, Express.js

Databases: MongoDB, SQL

AI/ML: IBM WatsonX Certified, Chatbots, NumPy, Pandas, scikit-learn, CNN, Tensorflow, Keras

PROJECTS

Objects Detection AI tool

AI/ML Project

Python, OpenCV, NumPy, Darknet Framework, COCO Dataset

Designed and implemented a real-time object detection system using YOLOv4 architecture pre-trained on the MS COCO dataset and weights.

The system accurately localized and classified objects within images, demonstrating proficiency in computer vision fundamentals and model deployment.

Legal Professional Platform

Full-stack Web Development

React.js, Express.js, MongoDB, Tailwind CSS

Developed a full-stack platform for legal professionals to access GRs and legal documents

Created a reactive dashboard for monitoring case status and a legal chatbot using HuggingFace API

Implemented responsive UI with Tailwind CSS and React.js

EDUCATION

VIT Bhopal University

B.Tech in Computer Science and Engineering, CGPA: 8.34/10

Sehore, MP, India

Sept 2023 - Present

KV ASC Center South

Class XII, Percentage: 84.4%

Bangalore, Karnataka, India

Completed May 2022

KV ASC Center South

Class X, Percentage: 83.6%

Bangalore, Karnataka, India

Completed May 2020

CERTIFICATIONS

IBM WatsonX (IBM)

NPTEL (Blockchain and its Applications)

C++

Python

Bootstrap (Infosys)

EXTRA-CURRICULAR ACTIVITIES

1. Selected for 24-hour National Level Techathon 2024 (Innovation Foundation, Pune) for a mental health detection and solution proposal
2. Submitted idea for a monument-based tourism application for Smart India Hackathon 2024, integrating AI to optimize sightseeing
3. GSOC 2024 Open Source Contributor

ADDITIONAL INFORMATION

Languages: English, Tamil, Kannada, Hindi

Hobbies: Book Reading (fiction, drama, self-help), Photography, Videography, Editing, Writing, Outdoor Activities (Marathon, swimming, football)