

# 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

**Other:** IBM WatsonX Certified, UI/UX Design, Chatbots, NumPy, Pandas, PowerBI, CNN, Transformers

## PROJECTS

### Computational Psychiatry Tool

AI/ML Project

Python, NumPy, Pandas, Scikit-learn, TensorFlow

Developed ML models to detect mental states/disorders like Alzheimer's, Schizophrenia, substance abuse detection from speech using CNNs

Utilized Scikit-learn for model evaluation and optimization

### 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: 8.36/10

Bhopal, India

Sept 2023 – Present

### KV ASC Center South

Class XII, Percentage: 84.4%

Bangalore, India

Completed May 2022

### KV ASC Center South

Class X, Percentage: 83.6%

Bangalore, India

Completed May 2020

## CERTIFICATIONS

IBM WatsonX (IBM)

C++

Python

Bootstrap (Infosys)

## EXTRA-CURRICULAR ACTIVITIES

Selected for 24-hour National Level Techathon 2024 (Innovation Foundation, Pune) for a mental health detection and solution proposal

Submitted idea for a monument-based tourism application for Smart India Hackathon 2024, integrating AI to optimize sightseeing

GSOOC 2024 Open Source Contributor

## ADDITIONAL INFORMATION

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**Languages:** English, Tamil, Kannada, Hindi

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