

Keshav Shree

Bachelor of Technology
VIT Bhopal University, Bhopal

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🐙 GitHub Profile
🌐 LinkedIn Profile

EDUCATION

• **Bachelor of Technology in Computer Science and Engineering(Cloud Computing and Automation)** 2022-26
VIT Bhopal University, Bhopal CGPA: 8.59

• **12th Standard** July 2021
ST.Paul Sr. Secondary School, Begusarai Percentage: 90.2

• **10th Standard** July 2019
G.D. Goenka Public School, Siliguri Percentage: 88.6

PERSONAL PROJECTS

• Parkinson's Disease Prediction System

Prediction System using SVM Algorithm

- Developed and implemented a machine learning-based predictive system to diagnose Parkinson's disease. Utilized Support Vector Machine and k-Nearest Neighbors algorithms for model training and comparison.
- Conducted comprehensive data preprocessing to clean, normalize, and engineer features from clinical and biomarker data. Designed and configured model architectures, optimizing hyper parameters for both Support Vector Machine and k-Nearest Neighbours.
- Evaluated model performance using cross-validation and metrics such as accuracy, precision, recall and F1-score.
- Integrated custom callbacks to enhance training efficiency, monitor performance, and prevent overfitting.

– Mindmate - An AI Counsellor

AI Powered Chatbot For Mental Health Counselling Services

- * Developed an AI-powered chatbot named **Mindmate**, designed to offer affordable and confidential mental health counseling services, addressing emotional and psychological concerns.
- * Led the creation of an AI-based mental health assessment system, improving accuracy and efficiency of counseling interventions using machine learning.
- * Designed and implemented features to support mental health services such as crisis intervention, mental health support, and supplemental therapy.
- * Utilized Kaggle datasets in the healthcare domain to train the AI model, consisting of 2130 rows and 12 columns.

ACHIEVEMENTS AND CERTIFICATIONS

- * **Successfully completed Microsoft AI Odyssey Challenge.** June 2024
 - Azure AI Document Intelligence: Developed solutions to intelligently process and manage documents using AI.
 - Azure AI Vision: Created computer vision applications capable of detecting emotions, faces, and various forms.
 - Azure AI Services: Built robust natural language processing solutions to enhance communication and data analysis.
 - Azure OpenAI Service: Designed and implemented generative AI models to innovate and automate completed tasks.
- * **Bits and Bytes of Computer Networking offered by Google form Coursera** February 2024
- * **Fundamentals of Artificial Intelligence and Machine Learning by Vityarthi Platform** May 2023
- * **Python Essentials by Vityarthi Platform** February 2023

TECHNICAL SKILLS AND INTERESTS

Languages: Java, C++, Python, HTML, CSS, AWS(Beginner), Azure(Beginner), SQL

Areas of Interest: Artificial Intelligence, Machine Learning and its application, Cloud Computing, Data Analytics

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Computer Networks.

Soft Skills: Leadership, Problem Solving, Adaptability, Teamwork and Collaboration.

POSITIONS OF RESPONSIBILITY

- * **Sports Society Coordinator** VIT Bhopal Aug 2023- Present
 - Successfully Conducted the Annual Sports Fest.