

SANDEEP KUMAR

Student

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ACADEMIC PROJECTS

1. PSYCHOLOGICAL SUPPORT CHATBOT

- DEVELOPED AN AI-POWERED CHATBOT THAT PROVIDES EMOTIONAL AND PSYCHOLOGICAL SUPPORT TO INDIVIDUALS WHO MAY NOT HAVE SOMEONE TO TALK TO.
- OFFERS VIRTUAL COMPANIONSHIP, ENCOURAGES POSITIVE MENTAL HEALTH PRACTICES, AND REFERS USERS TO PROFESSIONAL CONSULTATION IF NEEDED.
- CREATED AS A COLLEGE PROJECT TO ADDRESS A REAL-WORLD PROBLEM.
- TECHNOLOGIES: PYTHON, NLP, TENSORFLOW, FLASK, MONGODB

2. Personal Portfolio Website

- Designed and built a personal portfolio showcasing my profile, projects, resume, and contact information.
- Sections include About Me, Projects, Resume, and Contact.
- Technologies: HTML, CSS, JavaScript

RELEVANT COURSEWORK

- DATA STRUCTURES AND ALGORITHMS (DSA)
- MACHINE LEARNING
- PYTHON PROGRAMMING
- WEB DEVELOPMENT
- DATABASE MANAGEMENT SYSTEMS (DBMS)
- OBJECT-ORIENTED PROGRAMMING (OOPs)

TECHNICAL SKILLS

- LANGUAGES: PYTHON, C/C++, JAVA, JAVASCRIPT
- WEB TECHNOLOGIES: HTML, CSS, JAVASCRIPT
- LIBRARIES/FRAMEWORKS: NUMPY, PANDAS, MATPLOTLIB
- TOOLS & IDEs: VS CODE, INTELLIJ, GOOGLE COLAB, ECLIPSE

EDUCATION

B.TECH IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (AIML)

VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES, GGSIPU

(CURRENTLY IN 2ND YEAR)

Delhi

2023-2027

CPGA 9.078

CERTIFICATIONS

- AWS Cloud Computing Basics – Simplilearn | SkillUp (2025)
- Pariticipated in MUN - DTU | 2024