PRAJNA R AITHAL

INFORMATION SCIENCE STUDENT

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PROFILE

Results-driven Information Science student passionate about building scalable applications and solving real-world problems. Aspiring to work and seeking opportunities in a tech-driven environment where I can contribute my coding expertise and innovative thinking to deliver meaningful outcomes.

EDUCATION

JSS Academy Of Technical Education   **2022-Present**
Bachelor of Engineering in Information Science (CGPA-9.12)   Bengaluru, Karnataka

KLE Independent Pre-University College   **2020-2022**
Pre-University Course(Percentage-96.6%)   Bengaluru, Karnataka

Amrita Vidyalayam   **2010-2020**
Central Board Secondary Education(Percentage-88.5%)   Bengaluru, Karnataka

PROJECTS

Steganography Tool with Key-Based Encryption
 • Python, OpenCV, NumPy, Tkinter, HTML, CSS
 • A steganography-based application using Python to securely embed and extract data from images, audio and text. Implemented a user-friendly interface for encoding and decoding operations.

Gesture-Controlled Virtual Mouse
 • Python, OpenCV, MediaPipe, PyAutoGUI
 • Recognition system to control keyboard inputs through real-time finger counting and movement detection.

Mental Health Chatbot
 • Python, Flask, JSON, HTML, CSS, JavaScript
 • A simple chatbot designed to provide mental health support by offering comforting responses and helpful suggestions based on the user input.

TECHNICAL SKILLS

 • **Languages**- C, Java, Python, JavaScript, HTML, CSS
 • **Data Visualization and Analysis**-Tableau, PowerBI, Jupyter Notebook
 • **Database**-MySQL
 • **APIs and Platforms**-Git, Gemini API

CERTIFICATIONS & EXTRA-CURRICULARS

• **Pragati: Path to Future (Cohort 4)**
  Infosys Springboard initiative aimed at upskilling women in emerging technologies and professional skills.
• **NSS Volunteer**
 Contributed to community service initiatives, organized events, and assisted in various outreach programs as an active NSS volunteer.
• **Placement Coordinator**
 Facilitated communication between students and recruiters, coordinated campus drives, and supported placement related activity.