

PRATHVI

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Bengaluru, Karnataka, India



OBJECTIVE

A Pre-Final year Information Science and Engineering student with expertise in Java , Python, C , MySQL, HTML, CSS, JavaScript . Dedicated to full-stack development with strong analytical and software development skills.

EDUCATION

- **JSS Academy of Technical Education** December 2022 - Present
BE in Information Science and Engineering
◦ CGPA: 9.23
Bengaluru, Karnataka
- **Viveka PU College Kota** June 2020 -April 2022
PUC(12th)
◦ Grade: 94.8
Udupi, Karnataka
- **Shri Vani Highschool Rajatadri Nadur** June 2019-April 2020
Secondary Education
◦ Grade: 93.8
Udupi,Karnataka

EXPERIENCE

- **InternPe** May 2024 - June 2024
Java Intern
◦ Built Tic Tac Toe, Connect 4, and Rock Paper Scissors games using Java.
◦ Applied OOP concepts and game logic to create interactive, turn-based gameplay.
Remote

PROJECTS

- **Multimedia Steganography Tool** [🔗]
Tools: Python, Tkinter, OpenCV, PIL, NumPy, onetimepad
◦ Developed a Python GUI application for text, image, audio, and video steganography with secure OTP-based login. Enabled encoding/decoding of secret messages using real-time capture and encryption.
◦ A custom login system with OTP-based user verification ensures secure access. The application integrates various steganographic techniques with intuitive user interaction.
- **Hospital Management System** [🔗]
Tools:Java, JDBC, MySQL, Swing
◦ Developed a comprehensive Hospital Management System in Java with functionalities to manage patient registration, room allocation, department and employee records, discharge processing, ambulance tracking, and secure logout. Integrated with MySQL for robust data handling and retrieval.
- **AI-Powered Gesture Recognition System** [🔗]
Tools:Python, OpenCV, MediaPipe, PyAutoGUI, Time Module
◦ Developed a real-time hand gesture recognition system using OpenCV and MediaPipe to simulate keyboard inputs based on finger count. Enabled hands-free control for actions like navigating slides, scrolling, and triggering events via finger gestures. Integrated with PyAutoGUI for automated key presses.

SKILLS

- **Programming Languages:** Java, Python, C, JavaScript
- **Web Technologies:** HTML,CSS, JavaScript
- **Database Systems:** SQL, MySQL
- **Tools/Platforms:** Git, GitHub, VS Code, IntelliJ IDEA

CERTIFICATIONS

- **Java Programming Language -Udemy**
- **Data Structure and Algorithms -Infosys SpringBoard**
- **Generative AI -Great Learning**
- **Java Programming Language -HackerRank**