

# Shreeya Pai

## Student

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I am a highly motivated and resourceful Computer Science student with a strong background in web development and machine learning. Throughout my academic experiences, I have honed my skills in HTML, CSS, JavaScript, and Responsive Design, providing a solid foundation for front-end and back-end development. Additionally, my proficiency is in Machine Learning, basics of Cybersecurity and programming languages like Python, Java and C.

## Projects

### Competitive Examination Database Console

2023

- Orchestrated end-to-end development of a Competitive Examination Database System.
- Utilized HTML and CSS for an intuitive frontend, PHP for dynamic backend functionality, and MySQL for robust database management.
- Developed a MySQL database to efficiently store and retrieve examination-related details.
- Designed an access control system to ensure appropriate data visibility based on user roles.

### Gesturize - Gesture Recognition for Websites

2023 - Present

- Developed and trained a robust machine learning model using deep learning frameworks (TensorFlow) for real-time recognition of hand gestures.
- Integrated the machine learning model into a prototype website using HTML, CSS, and JavaScript, allowing users to control web interactions through gestures.
- Engineered an intuitive user interface with customizable gestures, providing a personalized and accessible web browsing experience.

### Interactive Drum Kit Website

2023

- Developed a responsive website using HTML, CSS, and JavaScript.
- Designed an engaging user interface with seven interactive drum buttons.
- Enabled both mouse click and keyboard input for a seamless user experience.
- Implemented a visually appealing layout with CSS to enhance user engagement.
- Implemented event listeners to capture user actions, allowing for a dynamic and interactive drumming experience.

## Education

### JSS Science and Technology University - 2025

- Bachelor of Computer Science
- GPA: 9.66

### Poornaprajna PU College - 2021

- Pre-University DPUE
- Percentage: 100

### Alva's High School - 2019

- SSLC KSEAB
- Percentage: 99.68

## Skills

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- Full Stack Development
- Data Structures and Algorithms
- Git, Github
- Coding and Debugging
- OOP, Operating Systems and DBMS concepts
- Leadership
- Problem-solving
- Creativity
- Time Management
- Communication

## Certifications

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- NPTEL The Joy of Computing in Python - Landed in the top 5% of all the scorers
- Attended the Digital Defenders CTF 2023 Masterclass Webinars conducted by CySecK and Cisco - Qualified for the CTF
- Machine Learning Specialization - Coursera
- SQL Bootcamp - IEEE JSSTU - Won the quiz conducted among the participants
- Participated in American Express Makeathon 2023
- Data Science and ML workshop - Coding Ninjas Explore ML and DL - GDSC JSSTU

## Extracurriculars

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- **Google Cloud Study Jams Facilitator** 2023
  - Served as the facilitator for the annual Cloud Campaign hosted by Google Developer Student Club India
  - Hosted teaching sessions on Generative AI and Cloud Computing.
  - Facilitated signups and completions and guided the participants through the course.
- **Core Team Member - GDSC JSSTU** 2022 - Present
  - Gained extensive experience as a team player and a content writer.
  - Developed soft skills like communication, organizational abilities and leadership qualities.
  - Organized various events in collaboration with the team members.

## Languages

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- English
- Kannada
- Hindi
- Konkani

## Hobbies

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- Singing
- Writing
- Painting
- Cooking