

Arya Shah

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Projects

Artistic Harmony | *HTML, CSS, JavaScript, Python, Flask, Machine Learning, VS Code*

- Developed a **machine learning** system that leverages various models to **generate images and recommend songs**, demonstrating advanced capabilities in creative **AI** applications.
- Engineered a fully responsive website using **HTML**, **CSS**, and **JavaScript**, seamlessly integrated with **Flask**; enhanced user engagement metrics by 40% through interactive visualizations of machine learning model outputs.
- Optimized model performance and user interface through iterative testing and refinement, ensuring **high-quality image generation and accurate song recommendations**.

Skills

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, Object Oriented Programming

Tools: Git/GitHub, Bash

Databases: MongoDB (Beginner), MySQL (Intermediate)

Frameworks: React.js (Beginner), Node.js (Intermediate), Express.js (Intermediate)

Position of Responsibility

Project Lead | *Led 5-member team*

Feb. 2024 – May. 2024

- Crafted compelling **front-end elements**, **dynamic presentations**, and detailed reports.
- Implemented foundational **machine learning models** utilizing **APIs**.
- Developed a dynamic web application using **HTML**, **CSS**, and **JavaScript** for the **front-end**, integrated with a **Flask back-end** to handle **server-side logic** and **data management**.

Certification Courses

The Bits and Bytes of Computer Networking 

Google

Grade: 100%

NPTEL - Cloud Computing 

IIT - KGP

Elite Silver: 88%

Education

Vellore Institute of Technology Bhopal University

B. Tech - Computer Science and Engineering

CGPA: 8.39

2022 – 2026

Bhopal, India

Maharaja Agrasen Vidyalaya

Class 12th PCM

Grade: 82.8%

2021

Ahmedabad, India

Maharaja Agrasen Vidyalaya

Class 10th

Grade: 90.8%

2019

Ahmedabad, India