

Krishna Pratap

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EDUCATION

Sardar Vallabhbhai National Institute Of Technology, Surat

2022 – 2026

Bachelors of Technology (B.Tech.) - Electronics
8.45 CGPA (Till 5th Sem.)

Mahatma Hansraj Modern School , Jhansi

2022

CBSE 12th Board - 89%

PROJECTS

CineVerse - Full Stack Movie Blog Application

- Created a versatile blog platform leveraging the MERN stack, incorporating **Google OAuth** for *enhanced user authentication and seamless login and registration* experiences.
- Successfully designed and applied an intuitive **Admin dashboard** with a focus on ease of use and data accessibility, enhancing productivity and decision-making for users.
- **Redux Toolkit** for *state management* , Enhanced UI/UX by integrating **Flowbite's** component library, resulting in a **30% increase** in user engagement.
- Applied **responsive design** techniques and integrated **Dark Mode** to improve user experience across multiple devices, enhancing accessibility and usability.

STRINJA - Google Winter of Code '23

- Collaborated with a team of four to craft an eye-catching, responsive frontend website for **Google Winter of Code '23** held by **GDSC - NIT Surat**
- Made the use of **HTML, CSS, and JavaScript** tech stack to create a visually captivating art gallery platform with **more than 100 artworks**.
- Streamlined contact options including **WhatsApp integration** and offering a straightforward interface for gallery owners to update the designs.
- Designed and implemented a testimonials and FAQ section on the homepage and **included 5+ testimonials** .

TECHNICAL SKILLS

Machine Learning

- Proficient in Machine Learning techniques, including **Regression, Classification, Neural Networks, Supervised and Unsupervised Learning, Recommender Systems, and Reinforcement Learning**; experienced with tools like Python (**NumPy, pandas, scikit-learn**) and TensorFlow.

Data Structures & Algorithms

- Practiced over **200+ problems** covering various data structures and algorithms across multiple coding platforms like **GeeksforGeeks, LeetCode** .

Full Stack Web Development

- Proficient in **HTML5, CSS, JavaScript ES6** for developing web applications using **Bootstrap, jQuery and React.js with React Hooks**.
- Experienced with backend development using **Node.js, Express.js, EJS, REST APIs**, and databases like **MongoDB and Firebase** .

Programming Languages

- *C/C++, Javascript, Python, HTML5, CSS, SQL, React, NodeJs*

Core Subjects

- Design and Analysis of Algorithms, Database Management Systems (DBMS), Computer Organisation, Web Programming and Python, Microprocessors, Operating Systems, Computer Networks, Object Oriented Programming in C++.

POSITIONS OF RESPONSIBILITY

Executive, Association for Computing Machinery - NIT Surat

- Actively contributed to the organization of **DotSlash 7.0** , a prominent national hackathon, by volunteering to coordinate **over 300 applicants**, facilitating *seamless execution and teamwork*.

Sparsh 2024 (Annual Cultural Fest of SVNIT Surat), Coordinator

2024

- Served as the **Web Development Committee** Coordinator for **Sparsh**, responsible for overseeing the creation and maintenance of the event's online presence, catering to a footfall of **5000+ attendees**.

CERTIFICATIONS

Machine Learning Specialization

- Completed courses on **Supervised Learning, Advanced Algorithms**, and Unsupervised Learning, including **Recommender Systems and Reinforcement Learning**.

Google Cloud Skill Boost Programme

- Completed month long study jam, **officially organised by Google**, which provided experience of cloud through Google Skills Boost platform.

SCHOLASTIC ACHIEVEMENT

JEE Mains - 2022

- 98.01%

NDA - 2022

- Cleared Exam & Appeared for SSB