



Harsha Prasad

Athpur, North 24 Parganas, West Bengal, India

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EDUCATION

JIS College of Engineering, Kalyani

B.Tech - Computer Science and Engineering - **CGPA – 7.96**

2022 – Present

Kalyani, West Bengal

Chasma-I-Rahamat High School, Jagatdal

WBCHSE- Class - XII - **Percentage – 80%**

2022

Jagatdal, West Bengal

Shri Hari Uchcha Vidyalaya, Jagatdal

WBBSE- Class - X - **Percentage – 68.4%**

2020

Jagatdal, West Bengal

COURSEWORK / SKILLS

- Software Engineering
- OOP Concepts
- Data Structures and Algorithms
- DBMS
- Computer Networks
- Python Programming

PROJECTS

Social Media Web Application | React.js, Node.js, Express, MongoDB, Socket.io, Cloudinary

- Developed a full-stack social media web application using React.js, Vite, Tailwind CSS, Node.js, Express, and MongoDB, enabling real-time user engagement with Socket.io and seamless content sharing.
- Implemented key features such as user authentication, profile customization, dynamic feeds, media-supported post creation, likes, comments, and follow system.
- Leveraged Cloudinary for optimized media uploads and storage and utilized Vite and Tailwind CSS to build a fast, responsive, and visually appealing user interface across devices.

Library Management System | MySQL, SQL Queries

- Designed relational database with tables, keys, and constraints.
- Created SQL queries for CRUD, joins, views to optimize performance.
- Automated library workflows with reports on book issues, returns, and inventory management.

PawfectHome – Pet Adoption Platform | HTML, CSS, React.js, Vercel

- Developed a compassionate pet adoption platform connecting animals with loving families, featuring personalized pet profiles with filters for breed, age, size, and location.
- Implemented core functionalities including adoption programs, vet care info, shelter events, and user support resources to enhance user engagement and drive adoption success.
- Designed responsive UI with React.js and CSS, enabling seamless browsing, adoption applications, and contact forms; deployed the project efficiently on Vercel for fast, reliable access.

TECHNICAL SKILLS

Languages: Hindi, English, Bengali

Programming Languages: C++, HTML, CSS, JavaScript, Python, SQL

Developer Tools: VS Code, GitHub, Vite, MySQL, MongoDB, Google Colab, MS Office

CERTIFICATIONS

- Soft Computing - NPTEL
- Python Data Structures - Coursera
- Python (Basic)- HackerRank
- Introduction to SQL -Simplilearn SkillUP
- SQL(Intermediate)-HackerRank
- Full Stack Web Development Training Programme – Euphoria Gen X
- Neural Network and Deep Learning - NPTEL
- GenAI Powered Data Analytics Job Simulation -TATA
- Full Stack Developer Course -Simplilearn SkillUP

EXTRACURRICULAR

- Participated in SIH2K23, SIH2K24
- Participated in Google Cloud Arcade Program
- Represented my college in Inter College Volleyball Tournaments