

Soumil Singh

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, VADODARA

B.TECH, COMPUTER SCIENCE AND ENGINEERING
2021 - 2025 | Gandhinagar, India
CGPA: 8.17

GVN, THE GLOBAL SCHOOL

12TH GRADE, CENTRAL BOARD OF SECONDARY EDUCATION
2019 - 2021 | Bhopal, India
Percentage: 88

SAGAR PUBLIC SCHOOL

10TH GRADE, CENTRAL BOARD OF SECONDARY EDUCATION
2007 - 2019 | Bhopal, India
Percentage: 96.8

EXPERIENCE

MULTIPLAYR | SOFTWARE DEVELOPER INTERN

May 8 2024 - Present | Bangalore, India

- Reconstructed the Discover Search API, resulting in a 30% reduction in API response times.
- Integration of Game APIs into backend logic for tournament management and bracket updates.

PROJECTS

QUERY BY HUMMING | PYTHON, JUPYTER

Nov-Dec 2023

- Query by Humming is a design project where user can hum a song and the system would retrieve the most relevant results present in the database
- The system is designed using python and indexed in KDTrees. Made the matching algorithms for the system using DTW algorithm.

PUZZLES | NODEJS, REACTJS, REDUXJS, APIS, MONGODB

May 2023

- Puzzles is a topic based discussion website where users can create different topics and posts. They can discuss about it in the comments section, like and save posts as they wish
- The backend is developed in NodeJS and frontend is developed in ReactJS and the database is depoloyed in MongoDB.

OLYMPUS | JAVA, JAVAFOX, MYSQL

Dec 2022

- Olympus is a healthcare management system. Staff can create store, update appointments, patient files, admission files
- The application is designed primarily on Java. Frontend designed using the JavaFX framework and database created in MySQL.
- Implemented backend logic in core Java using solid OOP principles

SKILLS

LANGUAGES

Java • JavaScript • Python • C/C++ • Typescript • HTML

FRAMEWORKS

NodeJS • ExpressJS • ReactJS • ReduxJS • JavaFX • RestAPI

DATABASES

MySQL • MongoDB • PostgreSQL

VCS & BUILD TOOLS

Git • Github Actions • Shell • Linux • Postman

CLOUD SERVICES

• GCP • AWS

SPOKEN LANGUAGES

English • Hindi

CERTIFICATIONS

Fundamentals of Deep Learning: NVIDIA 2024 | [Link](#)

Cloud Engineer Learning Pathway: GCCP 22-23 | [Link](#)

COURSEWORK

Data Structures and Algorithms
Information Retrieval
Cryptography and Network Security
Artificial Intelligence
Computer Networks
Operating Systems
Database Management Systems
OOPS Programming
Software Engineering
Linear Algebra
Discrete Mathematics
Probability and Statistics
Numerical Techniques

POSITIONS OF RESPONSIBILITY

Cerebro 2023- Technical Fest, IIITV

Co-Convener | Apr 6-9 2023

- Conducted the Valorant tournament along with team overseeing 20 teams across India

Arcadia: The Gaming Club of IIITV

Core Member