

Soumil Singh

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EXPERIENCE

SEARCE | SOFTWARE ENGINEER

Jan, 2025 - Present | Bangalore, India

- Worked on a large-scale GCP migration project for a B2B SaaS client, optimizing infrastructure for scalability and performance.
- Written event pipeline in dataflow and apache beam for event-routing across highly interconnected event-driven systems
- Implemented features for a FastAPI backend on a client-facing healthcare platform, enabling geolocation-based clinician discovery and dynamic scheduling.
- Developed a Member Portal for an interbank network, enabling secure employee onboarding, document management, RBAC etc.

MULTIPLAYR | SOFTWARE DEVELOPER INTERN

May, 2024 - July, 2024 | Bangalore, India

- Reconstructed the Discover Search API, resulting in a 30% reduction in API response times.
- Implemented endpoint caching using Redis to reduce server response times by upto 90%
- Integration of Game APIs into backend logic for tournament management and bracket updates.

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, VADODARA

B.TECH, COMPUTER SCIENCE AND ENGINEERING

2021 - 2025 | Gandhinagar, India

CGPA: 8.30

GVN, THE GLOBAL SCHOOL

12TH GRADE, CENTRAL BOARD OF SECONDARY EDUCATION

2019 - 2021 | Bhopal, India

Percentage: 88

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.

SKILLS

LANGUAGES

Java • TypeScript • JavaScript • Go • Python • C/C++

FRAMEWORKS

NodeJS • ExpressJS • Spring Boot • ReactJS • RestAPI • Spring Boot • FastAPI

DATABASES

PostgreSQL • MySQL • MongoDB

VCS & BUILD TOOLS

Git • Linux • Postman

CLOUD SERVICES

• GCP • AWS

SPOKEN LANGUAGES

English • Hindi

CERTIFICATIONS

Cloud Digital Leader Certification: Google 2025 | [Link](#)

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