

KARAN SHAH

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🐙 [Karannshah1](https://github.com/Karannshah1)

Education

Nirma University

B.Tech in Computer Science and Engineering

Jun 2020 – Currently

7.62 CGPA

Experience

Kavayahcloud PVT LTD.

Software Engineer Intern

Jan 2024 – Present

Gandhinagar, India

- Created user interactive dashboard and screens with REST API integration to improve user experience.
- Locating errors and debugging backend in CI/CD manner resulting to team's **productivity increased by 25%**
- Tech stack: Javascript, OutSystems platform, MS SQL Server

Civic Infotech

Software Engineer Intern

June 2023 – July 2023

Ahmedabad, India

- Developed a procurement portal in which a user company can make a tender, update the tender, the bidder can bid for the tender, and update the tender before the auction and get updates related to tender and auction.
- Newly written object-oriented design and code **boosted response time by 50%**.
- Tech stack: React JS, Tailwind CSS, Node JS, and MS SQL Server are used.

Projects

Fashion semantic search | NLP, ML, Flask, Web scrapping

May 2023

- Created web scrapping algorithm that extracts JSON data from 10000+ fashion items from top sites.
- Developed a site and used **BERT LLM** that gives results based on search fashion items from extracted data with average **accuracy of 60%**.

Network Path Optimiser | C++, DSA

Nov 2022

- Optimizing data flow with Dinic's algorithm for maximum efficiency and implementing Dijkstra's algorithm for minimum time routing, achieving data flow management and rapid route selection.

Pulsar Star Recognition | Python, ML

Nov 2022

- Implemented various algorithms like Decision tree, Naive Bayes and SVM for classification of data related pulsar star
- Various data processing applied and comparison of ML algorithms for given dataset and achieved **97.9% accuracy**.

Whatapp Chat analyser | Python, NLP

May 2022

- Designed chat analyser using Python to analyse chat based on time and person
- Programmed sentiment analysis using NLTK library of NLP for finding different users' sentiment based on chats

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Android Studio

Technologies/Frameworks: GitHub, Linux, React js, flask

Relevant Coursework

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|--------------------|-----------------------|---------------------|--------|
| • Data Structures | • Database Management | • Algorithms | • OOPs |
| • Operating System | • Machine Learning | • Computer Networks | |

Achievement

- Solved 1000+ coding problems
- Qualified for Facebook Hackercup 2022
- Ranked 1541 out of 21000+ coders in Leetcode weekly contest
- Ranked 1556 out of 22000+ coders in Codeforces 857 div2 contest

Leadership / Extracurricular

Association of Computer Engineering Students (ACES)

Managing Director

Nov 2022 – Nov 2023

Nirma University

- Managed executive board of 28 members and conducted meetings to oversee progress in essential parts of different events.
- Lead various events like orientation, Research Guidance, AI/ML related seminars, etc.