

# Siddharth Singh

Full Stack Developer

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I enjoy creating things that live on the internet.

## WORK EXPERIENCE

### Software Engineer Gateway

02/2023 - Present

#### Achievements/Tasks

- Achieved lightning-fast data parsing, processing **300k** values in under **10 seconds** by changing the CSV file parser and using **streams**.
- Added **indexes** for a 35% performance improvement.
- Introduced **tab routes** and boosted tracking efficiency by an impressive 80%.
- Working on npm package i.e **SDK** to enhance accessibility and usability.

### Full Stack Web developer(Intern) Project 28

08/2022 - 12/2022

#### Achievements/Tasks

- Built and managed the complete backend API, boosting performance by **20%** through dedicated server for file functions. And reduced backend build time by roughly **30%**.
- Transformed the backend into **microservices** for improved efficiency.
- Created a **Chrome extension** for easy image saving to the app's asset library.
- Improved data retrieval and processing efficiency by optimizing database queries using indexes.
- Optimized **database queries** using limit.
- Successfully resolved frontend issues for a smoother user experience.

## EDUCATION

### Masters in Computer Science VIIT

09/2022 - Present

### Bachelors of Computer Science University of Pune

06/2019 - 09/2022

89.59%

## SKILLS

Data structures

Algorithms

System Design

Designing Systems

Writing

## PERSONAL PROJECTS

### Coding Machine (03/2022 - 04/2022)

- Build a code editor along which supports c++,java,python languages
- The code editor also supports auto complete , change of text size and tab size features

### start-web-app (01/2022 - 02/2022)

- Created the cli(command line interface) using node js
- Added options to create your new mern app or to clone mern app

### Data structures and algorithm tracker (10/2021 - 01/2022)

- Made the frontend and backend of website
- Improved the performance of the backend by using caching

## PROGRAMMING LANGUAGES

Java ● ● ● ○ ○

Javascript ● ● ● ○ ○

Typescript ● ● ● ○ ○

Python ● ● ○ ○ ○

## LIBRARIES

React

Node/Express

Next.js

NestJS

GraphQL