

Shaurya Singhal

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<https://github.com/jugshaurya> | <https://leetcode.com/jugshaurya/>

EDUCATION

UNIVERSITY OF DELHI

MASTER OF COMPUTER
APPLICATION(MCA)
Jun 2020 - Present | Delhi
Cum. GPA: 8.46 / 10.0

UNIVERSITY OF DELHI

SHAHEED SUKHDEV COLLEGE OF
BUSINESS STUDIES
B.Sc. (Hons.) Computer Science
Jun 2016 - 2019 | Delhi
Cum. GPA: 8.55 / 10.0

LINKS

Portfolio:// [jugshaurya](#)
 GitHub:// [jugshaurya](#)
 LinkedIn:// [jugshaurya](#)
 Leetcode:// [jugshaurya](#)
 Codechef:// [@jugshaurya](#)

COURSEWORK

Data Structures & Algorithms
 Database Management Systems
 Operating Systems
 Computer Networks
 Discrete Structures
 Graph Theory
 Object Oriented Programming
 Functional Programming

SKILLS

PROGRAMMING

Experienced:

C++ • JavaScript • Python

• Git • GitHub • Nodejs + Express

Intermediate:

React • HTML • MongoDB • Gatsby

Familiar:

Figma • GraphQL • React + Redux •
 styled-components

CERTIFICATES

- React | Udacity Nanodegree Graduate
 - Graph Theory Algorithms by Coding
 Minutes(2022)
 - Dynamic Programming Algorithms
 Master Course (2022)

OPEN SOURCE

REACT NATIVE ELEMENTS | CONTRIBUTOR

Jan 2021 – Jul 2021

- Integrated **Loading Component** in Fallbacks + **Linting** and **prettier** Functionality.
- **Fixed 5+ Bugs**, Improved Codebase to become **50% more maintainable**, and **new contributors friendly**. Implemented 3+ Component's Playgrounds.
- **10 Merged Pull Requests** so far.

CODING BLOCKS | CONTRIBUTOR

May 2020 – Jul 2020

- Ranked **6th** with **12 Merged Pull Requests** under **BOSS 2020**.
- Improved User Interface, **Fixed 5+ Bugs**, Added Error-Layout Component.
- Implemented **User Impersonation** option for Admins.
- **Serialized paths to work on Windows** with Linux to get 90% systems coverage.

EXPERIENCE

CODING NINJAS | TEACHING ASSISTANT, DATA STRUCTURES AND ALGORITHMS IN PYTHON

Jan 2019 – Sep 2019

- **Solved 1500+ Doubts**, took 1-On-1 doubt sessions over chat/video calls.
- **Debugged students' Code** for 2000+ Errors/Bugs.
- **Certificate 1 + Certificate 2**

PROJECTS

MERGE VIDEOS | Nodejs Script | GitHub

- **Merge video files inside a directory into a single big video** file with 90% success Rate.
- **Utilized depth-first search to retrieve the path list in order**.
- **Saved more than 50% of time** wasted in playing videos one by one.

Tech Stack: Nodejs

PRODUCTIVE WEEKDAY | Website | GitHub

- Preprocess the 7-day-wise contributions from GitHub & animate the data in a race bar graph.
- **Automated data scraping from GitHub** to send data back to the front end.

Tech Stack: Nodejs + Express, React + Redux, d3.js, cheerio.js

NOTES | Website | GitHub

- **Giving back to the community by compiling my learning over the 6+ years**, beneficial for quick revision and Interview preparation.

Tech Stack: Docusaurus, MDX, React

ACHIEVEMENTS

2022	Ranked 655th	Round H Google Kick Start
2022	Ranked 2942th	Round D Google Kick Start
2021	AIR 2547 (top 3%)	Graduate Aptitude Test in Engineering (GATE)
2020	AIR 13	Graduate Aptitude Test in Engineering (GATE)