

# SAURABH JAGTAP

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📍 Gadchiroli,  
Maharashtra, India -  
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in sljagtap

🔗 saurabhLearns

- A Software engineer, B. Tech. Computer Science and Engineering undergraduate, class of 2020.
- Interested in System designing, backend development, algorithmic programming, microservices, operating systems, and networking.

## Skills

### PROGRAMMING LANGUAGES

C

JavaScript

Python

### TECHNOLOGIES

NodeJS

MongoDB

Git

MySQL

RESTful APIs

SocketIO

Docker

RabbitMQ

PostgreSQL

Redis

gRPC

ReactJS

### TOOLS AND SOFTWARE

Postman

Swagger

### INTERESTS

Data Structures

Algorithms

Backend Development

Operating Systems

Microservices

Distributed Systems

## Education

Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded

B.Tech. Computer Science and Engineering 2020

CGPA : 6.79

Aug. 2016 to Oct. 2020

Shivaji Junior Science College, Gadchiroli

HSC 2016

Maharashtra State Board of Secondary and Higher Secondary Education.

Percentage : 82.77%

June 2015 to May 2016

Shivaji High School, Gadchiroli

SSC 2014

Maharashtra State Board of Secondary and Higher Secondary Education.

Percentage : 92.00%

June 2013 to June 2014

## Professional Experience

Associate Software Engineer

iauro Systems Pvt. Ltd.

Pune

Aug. 2020 to Current

- Worked on the backend development for the client project for developing an e-learning Platform.
- Handled multiple responsibilities like designing the microservice architecture, developing REST APIs in designated Sprints.
- Hands-on development experience with NodeJS, HapiJS, MongoDB, gRPC, PostgreSQL, RabbitMQ, Docker.

Software Intern

iauro Systems Pvt. Ltd.

Pune

Feb. 2020 to July 2020

- Worked on the internal project – MSLCNC.
- Developed with microservices architecture, using technologies like NodeJS, MongoDB, Redis.
- Responsible for creating docker images and deploying with Jenkins pipeline

## Projects and Certifications

Certification: Cloud Computing Concepts - Part 1

Sept. 2019 to Oct. 2019

- Offered by the University of Illinois at Urbana-Champaign on Coursera.
- Learned basic concepts of distributed systems. Also, basic algorithms, protocols, synchronization and theoretical concepts related to cloud computing.

Pantry Service

Feb. 2020 to Feb. 2020

- Developed using MERN stack. An internal pantry management system for larger workplaces
- Link: <https://github.com/ShuRiknS/pantryservice>

Playlist Web App

Mar. 2019 to Mar. 2019

- User can create, save and share playlists with songs on different streaming services, developed with Django
- Link: <https://github.com/saurabhLearns/playlist>

Shell implementation in C

Feb. 2019 to Mar. 2019

- Implemented Unix shell in C with different Unix SysCalls.
- Link: <https://github.com/saurabhLearns/shell>

WritersDen website & Android app

Dec. 2018 to Current

- A social media platform for writers where writers can add their writeups.
- Writeups can be shared and viewed by others, with the writer's name in credits.

YOU magazine

May 2017 to Oct. 2017

- A traditional-cum-digital magazine
- Developed website using HTML, CSS (MaterializeCSS), Javascript, PHP, MySQL with PayUMoney payment gateway integration.

Pragyaa 2018 Website

Oct. 2017 to Mar. 2018

- Pragyaa is the national level techno-social festival of SGGSI&T, Nanded.
- Developed a website for it using Firebase as backend.

## Activities

Club M'trix : President/Main Co-ordinator

Aug. 2017 to Apr. 2018

- M'trix is the Programming club of SGGSI&T, Nanded.
- The club organizes and conducts sessions regarding algorithms, competitive programming and other technical aspects for the freshers.

Team Sankalp : Technical Co-ordinator

Aug. 2017 to Apr. 2018

- Sankalp is the student's body club of SGGSI&T, Nanded.
- Club focuses on personality development of freshers by providing the platform for on stage activities and conducting events.

YOU magazine : Technical Head

May 2017 to Oct. 2017

- A motivational cum technical magazine.
- Connected articles in the magazine with online articles on the website.

Internshala Student Partner 9 : Student Partner

Mar. 2018 to May 2018

- Internshala Student Partner is a 70-day work-from-college program for the students as the representatives for their college.

Pragyaa 2018 : Joint Co-ordinator of Website and Advertisement Committee

Oct. 2017 to Mar. 2018

- Pragyaa is the national level techno-social festival of SGGSI&T, Nanded.
- Provides a platform for students to show their excellence in technical competitions.