

# SAURABH JAGTAP

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🔗 saurabhLearns

- A Software engineer, B. Tech. Computer Science and Engineering undergraduate, class of 2020.
- Interested in problem-solving, system designing, backend development, microservices, distributed systems, operating systems, and networking
- Desires to develop products which impacts millions of users.

## 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	Aug. 2016 to Oct. 2020
B.Tech. Computer Science and Engineering 2020 CGPA : 6.79	
Shivaji Junior Science College, Gadchiroli	June 2015 to May 2016
HSC 2016 Maharashtra State Board of Secondary and Higher Secondary Education. Percentage : 82.77%	
Shivaji High School, Gadchiroli	June 2013 to June 2014
SSC 2014 Maharashtra State Board of Secondary and Higher Secondary Education. Percentage : 92.00%	

## Professional Experience

Software Engineer	Pune
iauro Systems Pvt. Ltd.	Oct. 2021 to Current
<ul style="list-style-type: none"><li>• Working as a squad lead for client's project.</li><li>• Responsible for sprint plans of scrum squad, PR reviews, backend deployments, designing the backend architecture, logic and task delegations to backend team for features in sprints.</li><li>• Designed and developed multiple microservices.</li><li>• Worked on technical R&amp;Ds, investigations, implementations and contributed to organization's internal assests.</li><li>• Worked with technologies like Nodejs, gRPC, docker, mongoDB, etc.</li></ul>	
Associate Software Engineer	Pune
iauro Systems Pvt. Ltd.	Aug. 2020 to Sept. 2021
<ul style="list-style-type: none"><li>• Worked on the backend development for the client project for developing an e-learning Platform.</li><li>• Handled multiple responsibilities like designing the microservice architecture, developing REST APIs in designated Sprints.</li><li>• Hands-on development experience with NodeJS, HapiJS, MongoDB, gRPC, PostgreSQL, RabbitMQ, Docker.</li></ul>	
Software Intern	Pune
iauro Systems Pvt. Ltd.	Feb. 2020 to July 2020
<ul style="list-style-type: none"><li>• Worked on the internal project – MSLCNC.</li><li>• Developed with microservices architecture, using technologies like NodeJS, MongoDB, Redis.</li><li>• Responsible for creating docker images and deploying with Jenkins pipeline</li></ul>	

## Projects and Certifications

Email scheduler	Feb. 2022 to Feb. 2022
<ul style="list-style-type: none"><li>• A scheduler service where email will get triggered based on execution time given by user along with metadata like receiver, subject, mail body.</li><li>• Used Nodejs, mongoDB, cronjob, nodemailer for sending mails.</li><li>• Link: <a href="https://github.com/saurabhLearns/email-scheduler">https://github.com/saurabhLearns/email-scheduler</a></li></ul>	
Certification: Cloud Computing Concepts - Part 1	Sept. 2019 to Oct. 2019
<ul style="list-style-type: none"><li>• Offered by the University of Illinois at Urbana-Champaign on Coursera.</li><li>• Learned basic concepts of distributed systems. Also, basic algorithms, protocols, synchronization and theoretical concepts related to cloud computing.</li></ul>	
Pantry Service	Feb. 2020 to Feb. 2020
<ul style="list-style-type: none"><li>• Developed using MERN stack. An internal pantry management system for larger workplaces</li><li>• Link: <a href="https://github.com/saurabhlearns/pantryservice">https://github.com/saurabhlearns/pantryservice</a></li></ul>	
Playlist Web App	Mar. 2019 to Mar. 2019
<ul style="list-style-type: none"><li>• User can create, save and share playlists with songs on different streaming services, developed with Django</li><li>• Link: <a href="https://github.com/saurabhLearns/playlist">https://github.com/saurabhLearns/playlist</a></li></ul>	
Shell implementation in C	Feb. 2019 to Mar. 2019
<ul style="list-style-type: none"><li>• Implemented Unix shell in C with different Unix SysCalls.</li><li>• Link: <a href="https://github.com/saurabhLearns/shell">https://github.com/saurabhLearns/shell</a></li></ul>	
WritersDen website & Android app	Dec. 2018 to Current
<ul style="list-style-type: none"><li>• A social media platform for writers where writers can add their writeups.</li><li>• Writeups can be shared and viewed by others, with the writer's name in credits.</li></ul>	
YOU magazine	May 2017 to Oct. 2017
<ul style="list-style-type: none"><li>• A traditional-cum-digital magazine</li><li>• Developed website using HTML, CSS (MaterializeCSS), Javascript, PHP, MySql with PayUMoney payment gateway integration.</li></ul>	