**Saurabh Jagtap**

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www.github.com/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
* **Databases:** MongoDB, PostgreSQL, MySQL, Redis
* **Technologies**: NodeJS, Socketio, RESTful APIs, Docker, gRPC, RabbitMQ, ReactJS
* **Tools and Software**: Postman, Swagger
* **Interests**: Data Structures and Algorithms, Backend Development, Operating Systems, Microservices, Distributed Systems

***Professional Experience***

* ***Associate Software Engineer***iauro Systems Pvt. Ltd. Aug 2020 – Present

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, PostgreSQL, RabbitMQ, Docker.

* ***Software Intern***iauro Systems Pvt. Ltd. Feb – 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

***Education***

* ***Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, Maharashtra***B.Tech. Computer Science and Engineering (August 2016 - October 2020)   
  CGPA: 6.79/10
* ***Shivaji Jr. Science College, Gadchiroli, Maharashtra***HSC (July 2015 - May 2016)   
  Percentage: 82.77%
* ***Shivaji High School, Gadchiroli, Maharashtra***SSC (July 2013 - June 2014)   
  Percentage: 92.00%

***Projects and Certifications***

* **Certification - Cloud Computing Concepts, Part 1:**Offered by the University of Illinois at Urbana-Champaign on Coursera.  
  Credential Link: https://www.coursera.org/account/accomplishments/verify/FC7NPZ9M4DAD
* **Pantry Service:**Developed using MERN stack. An internal pantry management system for larger workplaces.   
  Link: [https://github.com/saurabhLearns/pantryservice](https://github.com/ShuRiknS/pantryservice)
* **Playlister Web Application:**Developed using Django Framework. User can create, save and share playlists with songs on different streaming services. Link: [https://github.com/saurabhLearns/playlister](https://github.com/ShuRiknS/playlister)
* **Shell implementation in C:**   
  Implemented Unix shell in C with different Unix System Calls.   
  Link: https://github.com/saurabhLearns/shell
* **WritersDen website & Android app**:   
  A social platform for writers. User can add and share write-ups with credits.
* **Pragyaa 2018 Website**:   
  Pragyaa is the national level techno-social festival of SGGSIE&T, Nanded. Developed an event showcase website using Firebase as back-end.
* **YOU magazine**:   
  A traditional-cum-digital magazine. Developed website using HTML, CSS (MaterializeCSS), Javascript, PHP, MySql with PayUMoney payment gateway integration.

***Extra Curricular Activities***

* **President/Main Coordinator - Club M'trix**: M'trix is Programming club of SGGSIE&T, Nanded. Club conducts sessions regarding algorithms, competitive programming, web development and other technical aspects for the freshers and guides them for the same.
* **Technical Coordinator - Team Sankalp:** Sankalp is the student's body of SGGSIE&T, Nanded. Club focuses on all over personality development of freshers by providing the platform for different on stage activities and conducting events.
* **Technical Head - YOU magazine:** A motivational cum technical magazine. Connected articles in the magazine with online articles on the website.
* **Student Partner - Internshala Student Partner 9:** Internshala Student Partner is a 70-day transformational work-from-college program for the students as the representatives for the college.
* **Joint Coordinator of Website and Advertisement Committee - Pragyaa 2018 :** Pragyaa is the national level techno-social festival of SGGSIE&T, Nanded. Provides a platform for students to show their excellence in technical competitions.

***Achievements***

* Qualified for GATE 2020.
* Participated and submitted the solution idea for SIH – 2019.
* Participated in various competitive coding competions like ACM-ICPC, Google CodeJam.