**Saurabh Jagtap**

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A Software engineer, B. Tech. Computer Science and Engineering undergraduate**,** class of 2020. Interested in System design, backend development, algorithmic programming and microservices. Working to succeed in an environment of growth and excellence and earn a job which provides job satisfaction and self - development and helps to achieve personal as well as organizational goals.

***Skills***

* **Programming Languages**: C, JavaScript, Python, PHP, Java
* **Databases:** MongoDB, PostgreSQL, MySQL, Redis
* **Technologies**: NodeJS, HapiJS, ExpressJS, Django, Socketio, ReactJS, RESTful APIs, Docker, RabbitMQ
* **Tools and Software**: Android Studio, Postman, Kibana, 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

Promoted to associate software engineer following the performance of internship. Assigned to the backend development team for the client project. Handled multiple responsibilies like designing the microservice architecture, developing REST APIs in designated Jira 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
* **Playlister Web Application:**Developed using Django Framework. User can create, save and share playlists with songs on different streaming services. Link: <https://github.com/ShuRiknS/playlister>
* **Pantry Service:**Developed using MERN stack. An internal pantry management system for larger workplaces. Link: <https://github.com/ShuRiknS/pantryservice>
* **Shell implementation in C:**   
  Implemented Unix shell in C with different Unix System Calls.   
  Link: https://github.com/ShuRiknS/shell
* **WritersDen website & Android app**:   
  A social platform for writers. User can add and share write-ups with credits. Links: <https://github.com/ShuRiknS/writersdenApp>, https://github.com/ShuRiknS/writersden-Website
* **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.