**RUGMANI SADASIVAN**
**Mail:ruku1723@gmail.com**
**Contact no:9449542178**

**CAREER OBJECTIVE:** To apply the knowledge and skills acquired during the course and implement the same in industry with responsibility and innovative ideas.

**ACADEMIC DETAILS:**

| Course | Institution | Board/ University | Year of passing | Aggregate |
|---|---|---|---|---|
| B.E (Electronics and Communication) | PESIT –Bangalore South Campus | Visvesvaraya Technological University,Belgaum | 2018 | 79.4% |
| XII | KendriyaVidyalaya, MEG&CENTRE,Bangalore | CBSE | 2014 | 94.2% |
| X | KendriyaVidyalaya, MEG&CENTRE,Bangalore | CBSE | 2012 | 10 CGPA |

**TECHNICAL SKILLS:**
- Tools and software familiar with : Eclipse, MATLAB
- Programming languages: Java(J2EE),Python ,Spring ,Hibernate ,C,C++
- Have worked on HTML, Bootstrap , JQuery ,React JS ,Node JS ,Mongo db
- Have knowledge of Data Structures and Algorithms

**WORKING EXPERIENCE:**

**Senior Project Engineer at Wipro Ltd(Aug 2018- Present)**

**Client Profile:** LATAM Airlines Group , Chilean based Airline Company ,handling a large role in Cargo Transist.

**Skills**: JAVA, Spring ,Hibernate ,SQL

**Work Summary:** Working on a microservices base architecture enterprise application using Java Spring- Hibernate. Worked on Cargo Management Portal to handle the shipment booking, Cargo ground handling operations and Warehouse management. Ensure to share the required data and represented the meetings in clear and easy understandable pattern following the guidelines as per the expectations. Have worked in Developing Self Kiosk System to handle main ware house operations.Mentoring the Juniors and guided them through the process.

**PROJECTS:**

**AGE OPTIMAL CACAHING:**
**Skills: C,C++,Python,Algorithms**
**Description**: In this project, we consider a status update system with N independent sources, equipped with cache which can hold at most B distinct update packets generated by the sources, we assume there are M users who independently generate requests for update packets. The limited storage capacity of the cache makes it necessary to design a caching policy that can service as many user requests as possible while providing fresh updates. We formulate the caching problem in the status update system setting, assuming the popularity profile of the source to be unknown. A heuristic age-optimal caching algorithm is proposed as a first approximation to the optimal solution. Through simulation, we observe that the heuristic age-optimal caching policy outperforms the random caching policy in meeting the demands for data accessibility.

**MINI PROJECTS:**
**A MICRO SERVICE BASED API**
**Skills:** Node Js, React Js, Mongo DB
**Description:** A micro service based API that reads customer usage details from the database and creates charts/graphs from these details. Contributed in the project for express js and integration between front end and back end of the project and database MongoDB.

**ACHIEVEMENTS :**
- Recipient of Prime Minister's Merit Scholarship for professional courses awarded to the wards of Ex Servicemen.
- Best Joinee Award and Star of the Quarter (Vertical Wise) in Wipro.

**DECLARATION:**
I hereby declare that all the information furnished above are true to the best of my knowledge and belief.

**RUGMANI SADASIVAN**

**Place :**BANGALORE
**Date:**12/5/2020