ARAVINDHAN SOWRIRAJAN

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SUMMARY

- Good Experience in develop **Application Backend**
- Expert in developing **REST API** Based service in Python **Flask**
- Experience with developing and deploying cloud environment (**Heroku**)
- Develop, test and deliver application into production environment
- Experience with relational database (**PostgreSQL**)
- Have knowledge on Data Analytics (**pandas, NumPy, matplotlib**)

PROFESSIONAL EXPERIENCE

- 1+ Year experience in HCL Technologies Vietnam as Lead Engineer.
- 2.8 Year experience in HCL Technologies Chennai as Developer.
- 1.8 Year experience in Infocuit Technologies Pvt Ltd as a Developer.

TECHNICAL SKILLS

- Programming Language **:** Python, Sql, Shell Script
- Database   **:** MySQL, PostgreSQL
- Framework   **:** PyScript**,** Django, Flask
- Cloud Platforms   **:** AWS Lex, AWS lambda, S3, ELK, IAM
- Chat Bot   **:** Gupshup
- Tools   **:** JMETER, Jira

PROJECTS ACCOMPLISHED

1. **Testing Platform Solution (TURBO)**

   Role: Backend Developer, *Aug 19 – present*

   Description: Application addresses these business and technical challenges faced by TSPs through Automation and AI. It provides platform to complete solution for automated End2End Test Life Cycle Management for Telco Networks, Devices & Applications. Intelligent and impact based automated testing with use of analytics.

2. RESERVATION BOT

Role: Full Stack Developer, *Feb 19 - June 19*

Description: Chat Bot have simplified the way guests interact with hotels, during and after their stay. Customers can book hotels using chatbots. They can ask questions in natural language and clarify their doubts while booking hotels. This makes it easy for them to select the rooms and services. While on the stay, the customers can ask frequently asked questions like Wi-Fi password, lunch and breakfast timings etc.

3. TOS (Table Ordering System)

Role: Backend Developer, *Mar 19 - May 19*

Description: Application that is used to accept orders from the guest while they are seated on the table in the restaurant. The application Process consist of choosing food item from the tablet, verify, confirm to place the order and make payment in the billing section.

4. PMS (Property Management System)

Role: Backend Developer, *Jan 18 - Feb 19*

Description: The system automates hotel operations like guest bookings, guest details, online reservations, posting of charges, point of sale, accounts receivable, sales and marketing, events, food and beverage costing, materials management, HR and payroll, maintenance management, quality management.

5. Appointment Cart

Role: Backend Developer, *Aug 17 - Dec 17*

Description: Application that is used to reduce queue time by fixing appointment and providing average wait time. Patient can book an appointment with the doctor and can access the location of the clinic. Doctor can keep track of incoming patients and keep their history.

ACADEMIC PROFILE

- Bachelor of Engineering (Computer Science and Engineering) with 6.4 CGPA in P.R Engineering College, Anna University in April 2017.

CERTIFICATIONS

- **Python for Data Science** from Percipio online platform.
- ***Data Analytics with Python*** from IIT Roorkee through NPTEL Online Certification.
- ***Discrete Mathematics*** from IIT Madras through NPTEL Online Certification.
- ***Information Systems and Computer Applications*** from UPValencia through edx.
- ***Computer Science for Beginners*** from Harvey Mudd College through edx.
- ***Think Create Code*** from THE UNIVERSITY of ADELAIDE through edx.