

Hariharan S

Developer Associate

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[Personal Website](#) •
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EDUCATION

COLLEGE OF ENGINEERING, GUINDY- Chennai (Anna University)

BE., CSE Aug 2016 – May 2020

First Class with Distinction (CGPA 8.52 / 10)

CERTIFICATION

FOUNDATION OF ISTIO - Solo.io

Foundational skills needed for Istio in Kubernetes.

Certificate by [credly](#).

SKILLS

Proficient in Python, Bash Scripting, Flask, REST API, Java, HTML, CSS, JS.

Expertise in Cloud, Git, Kubernetes, Docker, Jenkins (CI/CD), Grafana, Prometheus, GitHub Actions.

Skilled AWS & GCP (VM, subnet, firewall, storage, networking), Cloud Foundry, Istio (Service Mesh), Load tools, Dynatrace (APM), groovy, Linux.

Comfortable in SQL, Firebase (non-Relational DB), InfluxDB (Timeseries Database).

PROFESSIONAL EXPERIENCE

Developer Associate – SAP Labs Pvt. Ltd.

July 2020 – Present

Working on Observability team (scalability, scripting, monitoring and automating)

- Developed a responsive template portfolio website with HTML, CSS, JavaScript and Hugo which will generate the website using data from YAML files.
- Worked on **KYMA** (Kubernetes Extension) Control plane Components testing by developing python application, scripting, monitoring and automated the entire process using **CI/CD** test pipeline.
- Developed a **Command line tool** using **Golang** and **Kubernetes** to automate the different deployments to calculate the latencies taken for creation with monitoring stack (InfluxDB & Grafana).
- Worked on scalability aspects of different projects deployed in Cloud Foundry and automated the test using **Jenkins pipeline with Monitoring stack**.

Summer Internship. – SAP Labs Pvt. Ltd.

May 2019 – July 2019

- Worked on applications using SAP Conversational AI and python for webhook with rest API.

AWARDS & ACHIEVEMENTS

- **HONOR AWARD – SAP Labs Pvt. Ltd**
Dec 2021
For Delivering the projects with a high
- **BEST VOLUNTEER AWARD – NSS CEG**
Aug 2017 – Aug 2019
Best Volunteer Award for offering sincere social service for 2 years.
- **FIRST PLACE REVERSE CODING – DCSE CEG**
Jan 2019
Secured first place out of 200 teams in a competitive coding event organized by DCSE CEG, Chennai.

ACADEMIC PROJECTS

- **REP COUNT USING HUMAN BODY POSE**
Sep 2019 – Apr 2020
Analysis of video using image frames with predicting the body poses and calculating the rep count of particular exercise.
[Thesis](#)
- **QUIZ APPLICATION – ANDRIOD & WEB**
May 2020 – Jun 2020
Quiz Application for civil service exams questions in web and android for learning, which fetches data from Firebase.
[GitHub Link](#)