

# Saran Mahadev T

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## Professional Summary

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Eager and ambitious recent graduate with a strong proficiency in DevOps ecosystem. Proven leadership skills, developed through club activities and strong problem-solving abilities, adaptability, and a keen desire to learn new skills and technologies. Seeking an entry-level position in a dynamic organization where I can apply my knowledge and skills to make a meaningful contribution.

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## Professional Experience

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**Graduate Engineer Trainee - Python Developer, Zentron Labs** 02/2023 – present | Bengaluru

- Working with a multidisciplinary team to develop a system using Python and Computer Vision Module that exports Drawing Exchange Format (DXF) in Instant Measurement Machine(IMM)

**Applied Cloud Computing Trainee, TCSioN Program** 10/2022 – 01/2023 | Remote

- Trained in AWS by completing different challenges presented as assignments and attended training on different Cloud aspects and their applied advantages.

**Big Data and Cloud Computing Intern,** 07/2022 – 08/2022 | Chennai

*C-DAC: Centre for Development of Advanced Computing*

- Interacted with Enterprise Level Professionals and Gained knowledge on Open Stack and its Components.
- Had interactions with different teams and attained grip in Virtualization and Containerization.
- Had hands on training on structuring databases and worked on different skill development projects

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## Education

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**B.E.(Computer Science and Engineering),** 2019 – 2023 | Trichy

*Government College of Engineering Srirangam*

- Attained as Department Representative For 4 Years.
- Proven leader with a track record of successfully organizing and leading various activities and events in college.

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## Skills

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### Programming

Python, JavaScript,  
Golang

### Cloud Services

Amazon Web  
Services(AWS), Google  
Cloud Platform(GCP)

### DevOps Tools

Git/Github, Docker,  
Kubernetes, Ansible,  
Jenkins, Terraform

### Databases

MySQL, MongoDB,  
Redis

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## Certificates

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### AWS Specialization

Amazon Web Services (Coursera)

### AWS Cloud Practitioner Essentials

Amazon Training Center

### Certified Associate in Python Programming Training

Cisco Networking Academy

### Linux Unhatched Course

Net Development Group

### Google Cloud Fundamentals: Core Infrastructure

Google Cloud Platform  
(Coursera)

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## Projects

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**DXF Entity Validation and Conversion to CAD Image,** 02/2023 – present  
*Academic Final Year Project*

An Internal Module in Instant Measurement Machine(IMM) to validate the detected features and also to export the features from the part image and export them as Drawing Exchange Entity(DXF).

**Personal Expense Tracker, IBM Project** 12/2022

A personal expense tracking web-app developed using Flask, containerized and deployed on IBM Cloud's Kubernetes using IBM Db2 as the database.

**Distributed File Management System - Tarq,** 05/2022

*Academic Mini Project*

A web app on Google Cloud for secure file storage using modern technologies to address security and privacy concerns of self-hosted cloud products.

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## Volunteer Experience

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**Youth Red Cross, Secretary** 2022 – 2023

- Organized the annual technical festival, “YRC Day - 2022”.
- Coordinated with the YRC Students to organize the World Water Day Competitions and Food Festival.

**GCES Coderz Club, Overall Coordinator** 2021 – 2023

- Founded the initiative to create a ecosystem for students to develop their technical skills and knowledge.
- Guided more than 150+ students.
- Organized different workshops and seminars.

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## Events

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**ELITE'22 - Grande Tech Clubs Inaugural, Technical Event Organizer**

- Got the opportunity to introduce different clubs to the department.
- Conducted Interdepartmental activities during the event.

**ZERONZ'22 - National Level Technical Symposium, Overall Organizer**

- Task Mastered the entire event and Conducted the National Level Technical Symposium successfully under the budget allocated and in a grand manner with a wonderful team.

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## Interests

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**Sports - Handball**

Divisional Level Goalkeeper

**Reading**

Love to explore about different aspects of life

**Blog**

Interest in sharing my opinions about tech and productivity.

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## Declaration

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I hereby declare that the details and information given above are complete and true to the best of my knowledge



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**Saran Mahadev**