


Sainath Sapa

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 <https://github.com/sainathsapa>

Summary

Demonstrated history of working in the information technology and services industry. Skilled in Python, Java, C/C++, Embedded Systems, Web Development & Networking. Self-motivated and team player in collaborative environment with strong analytical, organizational, communication, design, debugging, algorithms, problem-solving skills and business development professional with a Bachelor of Technology focused on Computer Science and Engineering completed from TKR Engineering College.

Experience



DevOps Engineer

Atom State Technologies Pvt. Ltd.

Sept 2022 – Present

1. Experience with Microsoft Azure including AKS, NSG, VNet, Azure DB's
2. Proficient in Azure CI/CD Pipelines
3. Hands on experience with GIT and Azure Repos, Microservices
4. Good Understanding of Software Development LifeCycle



Data Engineering Intern

Tiger Analytics India Consulting Private Limited, Chennai

March 2022 – Sept 2022

Working on DevOps and Data Engineering modules

1. Microsoft Azure Deployment
2. CI/CD Pipelines
3. Docker
4. Python based RESTful API's,
5. Terraform



Jr. Web Developer Intern

A & A Corporation, Hyderabad

Apr 2021 – Sept 2021 (4 months)

Involved in company technical development & digital marketing team to enlarge the business scale mainly in 3 modes.

1. Automated workflows
2. Managing company website front-end & back-end



Coordinator – R&D

Basha Research Corporation

Jun 2020 - Aug 2020 (3 months)

Maintained company website in all aspects, handled social media handlers and worked on Chabot for new visitors to solve their queries about the company & research.



Software Development Intern

e-Yantra, IIT Bombay

May 2020 - Jul 2020 (3 months)

Worked remotely on Cross Platform Desktop Applications for eYFi - Mega Board on Python, ElectronJS built various application

1. QuickBytes
2. eYFi Serial Terminal
3. eYFi-Launcher for Windows and Linux Family

Certifications



Certificate of Merit in Embedded Systems & Robotics - [certificate](#)

Outstanding performance in the 6 Week e-Yantra Online Crash Course on Embedded System & Robotics and Secured Internship at IIT Bombay



Complete Python 3 Programming Bootcamp: Beginner to Advanced - [certificate](#)

Complete Python course of Data Science



Git & GitHub - The Practical Guide - [certificate](#)

Practical guide of Version Control using GIT



REST APIs with Flask and Python - [certificate](#)

A course of Popular framework Flask for developing REST APIs



Vagrant Up - [certificate](#)

Vagrant for Virtual Machine controlling to develop DevOps applications



Certificate of Completion [MySQL] - [certificate](#)

MySQL Basics from Great Learning Academy

Education



Teegala Krishna Reddy Engineering College, Hyderabad

Bachelor of Technology - BTech, Computer science and engineering

2018 - 2022

Currently in B.Tech 4rd year in Computer Science Stream from TKR Engineering College, Hyderabad



Govt. Jr College, Khanapur

Intermediate / 10+2, Electrician

2016 - 2018

Regular MPC with Electrical Instruments, Machines, Wiring and Electronic Devices



ZP High School, Kubeer

Secondary High School

2015 - 2016

Regular Schooling with Science and Social

Technical Skills

Python • OOPS Based Programming Languages • Java • PHP • VB.Net • ASP.Net • C / C++ • Embedded C Programming • Django • Spring Boot • Flask • Database • NoSQL/SQL • REST API's • AJAX • MongoDB • Microsoft Azure • Azure DevOps • CI/CD Pipelines • Web Development • Back-End Development • Shell Scripting • UNIX/Linux • Virtual Machines • Vagrant • HTML • CSS • JavaScript • Excel • PowerPoint • Software Testing

Languages

• Telugu – Native • English – Fluent • Hindi - Fluent • Marathi – Intermediate

Publications

- EDUCATIONAL ERP (COMPLETE EDUCATION INSTITUTION ERP)

Published our major project research paper on JES journal for Engineers. Paper includes project information, modules info, master data etc.

Paper Link - [ERP Paper](#)

Projects

- E-Commerce Web Application - Flask

Worked to ensure of fulfillment of REST API's using Flask Framework with MongoDB bundled in Docker

GitHub Repository - <https://github.com/sainathsapa/PyFlaskEcom>

- EDUCATIONAL ERP (COMPLETE EDUCATION INSTITUTION ERP) [Academic Major Project]

Worked on Django Framework to create Cloud Based Web Application for Indian Educational Institutions guided by college

GitHub Repository - https://github.com/sainathsapa/tkr_major

- **Plagiarism Detection [Academic Mini Project]**

Worked on Django Framework to Detect Plagiarism in Online Assignments Submission using Manual Login System

GitHub Repository - https://github.com/sainathsapa/tkr_mini

- **Patient Management WebApp**

Online Patient Management Web Application with SMS Enabled for Insha Physiotherapy.

GitHub Repository - <https://github.com/sainathsapa/insha>

- **Job Portal WebApp**

PHP Application for Online Job Applications with Payments Enabled via RazorPay.

GitHub Repository - <https://github.com/sainathsapa/kanti>

- **Calendar WebApp with Events**

Developed PHP Calendar WebApp to adding events as assigned Task by ZOZUK from Internshala

GitHub Repository - <https://github.com/sainathsapa/zozuk>

- **ToDo list**

Build PHP Todo WebApp to note the daily tasks as assignment.

GitHub Repository - <https://github.com/sainathsapa/todo-dsk>

- **Dairy Application**

Dairy Application for Interns at IIT Bombay so daily they can Add Status

GitHub Repository - <https://github.com/sainathsapa/eYSIP-2020-dairy>

- **Question Management Web Application**

PHP Based application to manage the question paper and upload results as assigned task from iCloudEMS completed in 2 days

GitHub Repository - <https://github.com/sainathsapa/icloudems>

- **Demo Assessment Portal**

An Assessment portal using jQuery to load JSON files

GitHub Repository - <https://github.com/sainathsapa/tecnolynx>