

SIVA PRASAD PERLA

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OBJECTIVE

A motivated individual with in-depth knowledge of software languages and development tools, looking for a suitable job role in Software Engineering and Development. to utilize my 2+ years of experience in software engineering and design technology where my skills are utilized in the maximum possible way.

EXPERIENCE

Software Engineer | Persistent Systems, Hyderabad

JULY 2022 – CURRENT

Project: Actifio Engineering (Feb 2023 – Current)

Client: Google

Role and Responsibilities:

- I worked as Actifio Engineer at Google.
- Analyzing and modifying existing software and developing and designing software solutions based on requirements and specifications.
- Writing optimized and efficient code and ensuring its functionality and quality.
- Collaborating with other team members and stakeholders to gather and analyze user needs.
- Participating in code reviews to identify and fix any coding issues or bugs.
- Testing and debugging code to ensure its reliability and stability.
- Maintaining and documenting software functionality, workflows, and processes.
- Troubleshooting and resolving software defects, issues and bugs.

Project: Blue Yonder - Category Management (July 2022 - Jan 2023)

Client: BlueYonder

Role and Responsibilities:

- Blue Yonder has multiple sub-projects, I am part of Category Management.
- We are responsible for creating and managing automation scripts for creating/managing different environments

- Used Microsoft Azure and a few services like Storage accounts, virtual machine scales sets, networks etc.... for creating environment.
- Pipeline code is created using GitHub Actions.
- We are given builds of different applications, our responsibility is to install the builds on VM Scale Sets and make it available to customer via internet
- Collaborating with senior leaders and discussion about ideas and approaches

Software Engineer Intern | Persistent Systems, Hyderabad

FEB 2022 – JULY 2022

Project: Maverick (Internal Project)

Client: Persistent Systems

Role and Responsibilities:

- Developing applications using data structures (coding, programming).
- Debugging and testing code.
- Documenting and testing new software applications.
- Researching, investigating and fixing a wide range of technical issues.
- Collaborating with senior leaders.
- Proactively learning about new technologies.
- Approaching problems and creating solutions.
- Participating in hackathons, Gen AI, Semi Colons and related programs.

College Final Year Project

Project: Prediction of Cardiovascular Disease (March 2022 – June 2022)

Overview:

- My project on Cardiovascular Disease Diagnosis (MaLCaDD) for early prediction of cardiovascular disease
- Implemented Synthetic minority Oversampling Technique (SMOTE) and Feature Selection for pre-processing of data.
- Implemented Machine Learning models like K-Nearest Neighbours (KNN), Decision Tree and Random Forest.
- This model also shows the patients contribution to his health which can reduce the probability of having cardiovascular disease

EDUCATION

Bachelor of Technology (BTech) | Vishnu Institute of Technology, Bhimavaram

PASSED OUT IN COMPUTER SCIENCE AND ENGINEERING COURSE (CSE)

PASSED OUT YEAR: 2018 – 2022

CGPA: 7.55 / 10

Intermediate | NRI Junior College, Guntur

PASSED OUT IN MPC

PASSED OUT YEAR: 2016 – 2018

CGPA: 948 / 1000

10th Class | Sri Viveka high school, Renta Chintala

PASSED OUT IN SSC

PASSED OUT YEAR: 2006 – 2016

CGPA: 8.8 / 10

SKILLS

Data Structures and algorithms

Python

Web Technologies

MongoDB

NodeJS

JUnit

GCP Cloud

Operating Systems

Unix

Git

Storage Concepts

Core Java

Django

HTML / CSS

SQL / MySQL

ReactJS

Mockito

AWS Cloud

Linux

Ubuntu

Maven

Backup Technologies

Java

C / C++

JavaScript

PostgreSQL

DBMS

Hibernate

Cloud technologies (IaaS, PaaS, SaaS)

Hyper-V

GitHub

Computer Networks

Virtualization

TOOLS

GitHub

Azure

Docker

SonarQube

Jenkins

Postman

Functionizer

CERTIFICATES / AWARDS

In College:

Campus ambassador – Regex Software Service Company

Certified in Data Structures, Java, Python, Databases etc...

Cyber Security

Unity Gaming development certificate

Problem solving certificate from Hacker rank

In Corporate:

Aris Process Mining Professional – Software AG
Aris Process Mining Saas Essentials – Software AG
AWS Technical Essentials – AWS Training & Certification
AWS Cloud Practitioner Essentials – AWS Training & Certification
Microsoft Azure Fundamentals – Microsoft
Functionize AI Testing Certificate – Co Assemble
Full Stack Developer – Persistent Systems

LANGUAGES KNOWN

Telugu

English

Hindi

HOBBIES & INTERESTS

Playing cricket

Watching movies

Browsing Internet