

# VB VASU

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A Fresher offering strong foundational skills in Cloud technologies, DevOps tools, Database administration and some programming languages, Networking.

## SKILLS

- Programming Languages – C, Python, SQL, Java
- Operating System - Windows, Linux
- AWS, Azure
- Visual Studio Code, Git, Docker, Kubernetes, Jenkins, Terraform
- Oracle DBA, Sybase ASE DBA
- Networking, Shell Scripting, PowerShell

## EDUCATION

JULY 2022

**B.E - ECE**, NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Cgpa – 9.05

MARCH 2018

**INTERMEDIATE - MPC**, SRI CHAITANYA JR COLLEGE, TIRUPATHI

Percentage – 97.2

MARCH 2016

**SSC**, KESHAVAREDDY ENGLISH MEDIUM HS, ANANTAPUR

Cgpa – 9.3

## PROJECTS

### LIDAR BASED SELF DRIVING CAR

Lidar is a sensor that detects the environment. This car is capable to detect its surroundings, navigating, and providing human transportation without the need for human intervention.

### FINGERPRINT BASED VOTING SYSTEM

Now a days proxy of voting has become quite a lot, to avoid that we are using the technology. Using the R307 Sensor and Arduino UNO the configurations are done.

### GESTURE CONTROL CAR USING ARDUINO NANO

The hand gestures are given using accelerometer and NANO, where the car moves according to the hand actions.

## ACTIVITIES

- Completed Basic level training on following topics  
OS / Networking, Oracle/Sybase ASE DBA, Linux, Shell Scripting, PowerShell, Cloud Computing, AWS, Azure, GCP

Oracle DBA	Architecture, Startup/Shutdown Process, User management, Profile Management, Logical/Physical Structure of Storage, Tablespace & Redo log Management, Backup & Recovery, Auditing.
Sybase ASE	Architecture, Database/disk Management, Login/User/Group/roles Management, Backup & Restore, Troubleshooting,
DevOps	Waterfall problem, Agile values and principles, Agile and DevOps in enterprise, lean in software delivery, theory of constraints.
Git	Developed understanding of repository, branch, clone, fork, commit, push, fetch, merge, diff, tag, reset, revert, remote repos.
Docker	Container based virtualization, docker engine, client and daemon, images, registry, networking, docker file, docker hub, linking containers, docker compose, volumes
Jenkins	Freestyle project, declarative pipelines, stages, docker container as build agents, shared libraries, groovy functions, blue ocean plugin, syntax validation, multi-branch pipelines, Jenkins file.
Terraform	Provision the resources on EC2, Build, change, destroy infrastructure, Input variables, Query output data

- Completed certification and training on “AZ-900 Microsoft Certified: Azure Fundamentals”
- Completed certification and training on “AWS Certified Cloud Practitioner (CLF)”
- Completed certification and training on “CCNA: Introduction to Networks”