Name: Vinay Bathula Email : [kevin@bedatatech.com](mailto:kevin@bedatatech.com)

Role: DevOps / CloudEngineer Mobile: +1 (847)474-3361 Ext : 123

PROFFESIONALSUMMARY:

* 3X AWS certified with 7+ years of IT experience in DevOps Methodologies, Cloud Engineering,Networking,SystemAdministration,CloudMigrationandApplicationLifecycleManagement(ALM).
* Implemented CXP project from initial planning and executed all phases of the project lifecycle till theapplicationwas deployedonproductionservers andinvolvedinmaintaining the application.
* CompetentwithAmazonWebServices(AWS) likeIAM,VPC,EC2,S3,ELB,ECS,EKS,RDS,SNS,SQS,DynamoDB,CloudWatch tobuild,deploy for projectsandwebapplications tothe client.
* ImplementedautomationusingCI/CDtoolslikeCloudbees,CircleCIandJenkins.
* ProficientinPython,Helm,Shellscripting,JSON,andYAMLforscripting andautomatingtasks.
* Hands-on experience with containerization/orchestration services like AWS Elastic Kubernetes ServiceandAWSElasticContainerService,Fargate andDocker.
* ExperiencewithConfigurationManagementtoollikeAnsible.
* Adaptedtorapidlychangingprojectrequirementsandpriorities,demonstrating flexibilityandaproactive approach.
* Collaborated with cross-functional teams, including Project Managers, Developers, and QualityAssurance, toenhance softwarequality andensureprojectsuccess.

TECHNICALSKILLS:

|  |  |
| --- | --- |
| CloudEnvironments | AmazonWebServices, AzureCloud |
| CI/CDTools | Cloudbees,CircleCI,Jenkins |
| ScriptingLanguages | Python,Shell,Helm,JSON,YAML. |
| Infrastructureas aCode(IaC) | Terraform, CloudFormation |
| Container/Orchestration | AWSKubernetes(EKS), Fargate,ECS,Docker. |
| ConfigurationManagement | Ansible |
| Database | MySQL,Oracle,DynamoDB,AmazonRDS. |

EDUCATIONDETAILS:

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | UniversityName | Branch | Campus |
| Master’sDegree | FloridaInstituteofTechnology2018-2019 | Computer Informationsystems | Melbourne,FL. |
| Bachelor’sDegree | HolyMaryInstituteofScienceand  Technology-JNTU-2012-2016 | ComputerScience  Engineer | Telangana,India. |

CERTIFICATIONLINKS:

* 1. [TerraformAssociate](https://www.credly.com/badges/8e7e78af-cee2-4d8c-ad08-edcf519d878a)
  2. [AWSDevOpsEngineer –Professional](https://www.youracclaim.com/badges/491b55fd-df4c-4490-a072-8cf717c721e4?source=linked_in_profile)
  3. [AWSSolutionArchitect–Associate](https://www.youracclaim.com/badges/77206b37-0ef3-49ca-bc9e-e84b06b65c9d)
  4. [AWSSysOpsAdministrator-Associate](https://www.credly.com/badges/914781ca-1399-4766-a605-7bde2f7da721/linked_in_profile)

PROFESSIONALEXPERIENCE

CompanyName:CiscoSystemsINC,Florida,USA. June 2022 – present Role: DevOpsEngineer.

Responsibilities:

* Implemented AWS 3-tier architecture project on AWS Cloud from planning till the applicationswere deployed on production servers to host web applications for CX and CXP projects, servingCisco’s endcustomers.
* Automated the deployment of containerized applications using Kubernetes and Helm.DevelopedandmaintainedCI/CDpipelinesintegratedwithKubernetes,enablingseamlessdeploymentofupdatesandreducingdown times.
* WorkedextensivelyonAWSEKSwheretheapplicationishostedandIwastheownerforEKSupgradesfor theversions v1.19tov1.27andhandledEKSissuesendtoend.
* Streamlined deployment processes by creating automation pipelines using CloudBees.Integrated GitHub Actions and CDRO pipelines for CXP project and utilized CircleCI for the CXproject.
* AutomatedpatchmanagementandsystemupdatesusingAnsible,reducingdowntimeandimprovingtransparencyforpatchlogging.
* ProficientinPythonscriptingforautomation,configurationmanagement,anddeploymentprocesses.
* Workedoncreatingsecuritybootstrapwhichensuresnetworksecurity,accessmanagementandthreat detection using AWS services like Access Analyzer, Security Hub, GuardDuty, Inspector,Config
* Worked on creating networking infrastructure for all the AWS accounts for CXP project end toendfromcreatingVPC,Subnets,Routetables,TransitGatewayattachment,InternetGateway,VPCendpoints andRoute53.
* HavehandsonexperiencewithAWSserviceslikeFargate,EC2,RDS,Lambda,SQS,SNS,S3.
* Monitored AWS services with CloudWatch, CloudTrail for detailed logging and used log metricsfor alerts andtologallAPI calls withinAWSaccounts.
* Written composite Terraform(IAC) modules for security bootstrap and networking whichdeploysalltherequiredAWSresources withitsconfigurationsinalltheAWSaccountsatatime.
* UsingTerragrunt,ImadethecodeDRYwhereveritispossiblewhichmadeuspromotethedeployments tootherlifecycle accounts easily.
* Workedonleading decommissionprojectendtoendforAWSandGCPresources.
* Dedicated time on daily chores like documenting the project using Confluence pages and Quip,workedwithJIRAfortrackingissues.

CompanyName:EficencsSystems,Florida,USA. February2020–May2022 Role: AWSDevOpsEngineer.

Responsibilities:

* BuiltandmanagedAWSinfrastructurelikeIAM,VPC,EC2,S3,ELB,ECS,EKS,RDS,SNS,SQS,Dynamo DB, CloudWatch using Terraform/Terragrunt modules for different projects in thecompany.
* CreatedAWSAccessManagement(IAM)policiesandrolestointegratemultipleAWSresourcesandmigratedon-premisesserversanddatatoAWSCloud.
* Implementedautomatedpatchingformorethan2,000serversusingAWSSystemsManagertomaintaindataprivacyandtoavoidsecuritybreaches.
* ImplementedAWSSessionManager servicetotrackallactivitydoneby theusersontheservers.
* DeployedAWS KubernetesClusters to manage different applications regarding the client’s

requirement.

* DeployedandmaintainedAzureKubernetesServiceforaparallelprojectandusedAzureActiveDirectory toensuresecureaccesstoapplicationsandservices.
* HandsonwithAzureDevOpswhichwasusedtoautomatethedeploymentprocessforapplicationsrunningonAKS.
* Utilized AWS ECS to create containers for multiple applications so that each application runs onseparatecontainer andhasitsownsetofdependencies&librariestoavoidclashofdependencies.
* WrittenPythonscriptstotagAWSresourcesandintegratedAWSwithGooglesheetstogetlivevaluesfromtheAWSservices.
* Migratedrepositoriesandpipelines fromJenkinstoGitLabandconvertedGroovyscriptsintoYAMLscriptstosupportGitLabandimplementedContinuous integration(CI/CD)usingGitLab.
* Integrated GitLab with Kubernetes Cluster and created scheduled pipelines in GitLab and migratedprojectsfromJenkinstoGitLab.
* DevelopedanddocumentedITandnetworksupport procedures,processimprovementsandbestpracticesfor internalITcustomers andbusiness partners usingConfluence pages.

CompanyName: PulsebyteSoftware,Telangana,India. June2016–July2018 Role: JavaDevOpsEngineer.

Responsibilities:

* Experience in Software Development Life Cycle (SDLC) using Java in Planning, coding and testing for WebbasedapplicationsusingJava/J2EEtechnology.
* DedicatedtimeinthedevelopmentandmaintenanceofwebapplicationsusingJavaandimprovedapplicationperformanceandfunctionality.
* AssistedintheintegrationofRESTfulAPIstoconnecttheapplicationwiththird-partyservices,expandingfunctionality.
* Expertiseinbuilding,designing,anddeployingAWSserviceslikeVPC,EC2,S3,ELB,RDS,DynamoDB,DMSusingTerraformandCloudFormationfor differentteams inthecompany.
* CreatedmultiplerolesfortheAWSaccounts,AWSresourcesandauthorizedrequiredprojectmembersusingAWSAccess Management(IAM)servicetoinitiate newsecuritynorms.
* Migratedon-premisesWindowsandLinuxserverstoAWScloudusingAWSDataMigrationService.
* ImplementedautomationbycreatingJenkinspipelinesfromscratchandautomatingmanualtaskswhereverpossible inthedeliverypipeline.
* Integrated Ansible with On-premises servers where the users can easily SSH into servers and writtenmultipleplaybookstoautomaterepetitivetasks,quicklydeployingcriticalconfiguarationsandproactivelymanageschanges.
* Developed Ansible Playbooks for automatic day-to-day server maintenance roles and for deployment oforchestration.
* BuildApacheKafkaMultinodes ClusterandusedKafka Manager tomonitormultipleClusters.
* UsedJIRAforprojectmanagementandfortrackingbugsintheenvironment.

INTERNSHIP:

1. RadiantDigital,Virginia, USA. May2019–July2019 Role: DeploymentEngineer(SummerInternship).