

**Biju Sivanandan**

DevOps Engineer

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**Summary**

* + Development experience in Amazon Web Services (AWS), Python, Terraform, Jenkins, Gitlab CI, Unified Infrastructure Management, PagerDuty, Pyspark, Splunk, Riak, Docker, Kubernetes, Git, Ansible, Oracle, OWB, Redis, Vagrant, Prometheus and Grafana.
  + Experience developing Infrastructure as code using Terraform for deploying cloud resource.
  + Excellent Infrastructure and log monitoring experience.
  + Oracle database OLTP/OLAP, data warehouse and data migration (ETL) expert with in depth understanding and knowledge of RDBMS and NoSQL databases.
  + Good knowledge of cloud technology and experience of working in AWS with excellent understanding of storage, computation and creating/managing clusters in cloud.
  + Experience of containerization using Docker and scaling/managing the containers using Kubernetes. Also have experience of working with virtual machines.
  + Experience of working in Agile project and using applications like Jira and confluence.
  + Data warehouse expert with experience of working in Datawarehousing, Oracle SQL, PL/SQL, UNIX and Oracle Warehouse Builder.
  + Experience of Data modelling (Relational database, JSON and XML) and Data Cleansing using ETL (Extract Transformation and Loading) tools.
  + Experience of requirement gathering and designing.
  + Good experience of working Test-driven development (TDD), Unit testing using PyTest and Behavior Driven Development (BDD) development using Behave.
  + Good understanding of SDLC cycle and documentations required for a software release.
  + Expertise in using Oracle Warehouse Builder ETL tool with hands on experience of 3 years and have also given training in OWB to new joiners and other team members.
  + Good proficiency in writing PL/SQL code and SQL queries.
  + Oracle Certified Professional and Splunk Certified Power User.

**Experience**

**DevOps Consultant at William Hill**

June 2018 - Present

**Project Details**

**Project**: William Hill Cloud

**Technology** /Tool: Amazon Web Services (AWS), Terraform, Jenkins, Python, Docker, Kubernetes, Splunk, Grafana, Prometheus, Vagrant, Git, Gitlab CI, Unified Infrastructure Management (UIM), PagerDuty, Ansible

**Module**: Development/Cloud Infrastructure

**Role and Responsibilities:**

As a Team member I am involved in

* Developed Jenkins framework in AWS for AWS resource deployment
* Writing terraform code/modules to deploy AWS resources (Automation and infrastructure-as-code)
* Migration of on-premise applications to AWS
* Providing solution for environment monitoring
* Developing Splunk Apps for log monitoring

**Senior Software Developer at Mastek Ltd**

June 2016 – June 2018

**Project Details**

**Project**: Secondary Uses Service+ (SUS+) in **NHS digital**

**Technology** /Tool: Python, Riak, Jira, Pyspark, Splunk, Ansible, Grafana, Vagrant, Git, AWS, Docker, Kubernetes

**Module**: Development/Infrastructure

**Role and Responsibilities:**

As a Team member I am involved in

* + - Requirement gathering for new requirement and documenting same in Jira.
    - Developing code in Python for new requirements
    - Infrastructure changes in
    - Writing automated unit tests, integration tests and regression tests for new functionalities. We use Test driven development (TDD) approach.
    - Understanding existing implementation in Oracle database (SQL/ PLSQL) implementation

**Software Engineering Specialist at Mastek UK Ltd.**

July 2012 - May 2016 (3 years 11 months)

**Project Details**

**Project**: Secondary Uses Service (SUS)

**Technology /Tool**: Oracle, OWB, UNIX, Java

**Module**: Development

**Applications Developer at Oracle Corporation**

March 2011 - June 2012 (1 year 4 months)

**Project Details**

**Project**: Oracle Initiative Management & Global Cosell reporting System

**Technology /Tool**: Oracle, Oracle Apex, OWB, OBIEE

**Module**: Development and Support

**Assistant Software Engineer at Tata Consultancy Services**

March 2010 - March 2011 (1 year 1 month)

**Project Details**

**Project**: Cisco Channels Support

**Technology /Tool**: Oracle, Informatica, BO, Siebel, Java

**Module**: Enhancement and Support

**Software Engineer at Diamond Management & Technology Consultants**

September 2009 - March 2010 (7 months)

**Technology /Tool**: Oracle, Oracle Warehouse builder OWB

**Software Developer at Mastek Ltd**

August 2007 - August 2009 (2 years 1 month)

**Technology /Tool**: Oracle, OWB, TCL, OMB Module Development and Data Migration

**Lecturer at Goa College of Engineering**

June 2007 - August 2007 (3 months)

**Education**

Goa University - Bachelor of Engineering

2003 - 2007