

YUVRAJ PUJARY

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🐙 github.com/Yuvrajpk | 🌐 <https://yuvrajpk.github.io/Portfolio/>

SUMMARY

Experienced DevOps Engineer with expertise in automating infrastructure, optimizing CI/CD pipelines, and fostering seamless collaboration between development and operations. Proficient in AWS, containerization (Docker, Kubernetes), and infrastructure-as-code (Terraform, Ansible and Cloud Formation).

Skilled Cloud Engineer with expertise in designing, deploying, and managing scalable and secure cloud infrastructure on AWS. Proficient in a wide range of AWS services (EC2, S3, Lambda, RDS). Adept at enhancing cloud scalability, security, and cost-efficiency while driving continuous improvements in software delivery processes.

SKILLS

Cloud Platform: Amazon Web Services.

Elastic Compute Cloud (EC2), Lambda, Route 53
Virtual Private cloud (VPC), CloudFront
CloudTrail, CloudWatch, CloudFormation,
AWS Auto Scaling
Simple Storage Service(S3)
Amazon Rekognition
Identity and Access Management (IAM)
Elastic Kubernetes Service (EKS)

Database: Relational Database Service (RDS) and
DynamoDB

DevOps: Jenkins, Ansible, Docker, Kubernetes
Puppet, Nagios, Terraform, CI/CD Pipelines

Scripting: Bash and Shell Scripting

Version Control: Git and GitHub

Languages: java

OS: Linux

EDUCATION

**Bachelor Of Engineering: Computer
Science**
Nov 2020 - May 2024

- St Joseph Engineering College,
Mangalore

Pre-University: PCMC
May 2018 - Jul 2020

- Sri Chaitanya PU College, Mangalore

10th std-SSLC
Apr 2017- May 2018

- Kendriya Vidyalaya No. 1, Panambur,
Mangalore

CERTIFICATES

AWS SOLUTION ARCHITECT – ASSOCIATE

CLOUD COMPUTING ARCHITECTURE

CLOUD QUEST – CLOUD PRACTITIONER (Badge)

DEVOPS ENGINEER

TERRAFORM

PROJECTS

Mass Emailing using AWS Lambda | Jun 2024 – Jul 2024

- This project involves creating a cost-effective mass emailing platform using AWS Lambda and Simple Email Service (SES) to send emails to customers. By integrating S3, you can reach a larger audience. Moon Mail is a real-world example of a mass mailing platform designed with these AWS tools
- **Services used:** S3, Lambda, CloudWatch and SES.

Image Labels Generator using Amazon Rekognition | Aug 2024– Sep 2024

- Amazon Rekognition Image Labels Generator automatically detects objects, scenes, and activities in images. It uses machine learning to assign descriptive labels to images, making it easy to categorize and search visual content. By integrating it with AWS Lambda or other services, you can automate image processing tasks for large-scale application.
- **Services used:** S3, Lambda, Amazon Rekognition and DynamoDB.

CI/CD Pipeline for Microservices Application on AWS | ON GOING

- Developed a CI/CD pipeline for a microservices-based application using Docker, Jenkins, Terraform, and Kubernetes on AWS. Automated infrastructure provisioning with Terraform to deploy Kubernetes clusters on AWS, containerized services with Docker, and orchestrated deployments with Kubernetes. Integrated Jenkins for continuous integration and deployment, enabling efficient and scalable microservices deployment in a cloud environment.
- **Tools used:** Docker, Jenkins, Terraform, Kubernetes and AWS