RAJDEEP DEOGHARIA

West Bengal, India | +917586881671 | deogharia.rajdeep@outlook.com | GitHub | LinkedIn

WORK EXPERIENCE

COGNIZANT

Programmer Analyst | Oct 2021 – Present, Kolkata, West Bengal

- Streamlined a successful **migration** of Macy's and Bloomingdale's e-commerce applications to **Google Cloud Platform (GCP)**, ensuring seamless functionality post-migration.
- Leveraged GCP services such as **BigQuery**, **Kubernetes Engine**, **Cloud Logging**, **Spanner DB** to maintain transactional consistency, error monitoring and perform advanced analytics.
- **Managed Kubernetes workloads** and **configurations using Terraform** for infrastructure as code, reducing deployment time by 20%.
- Developed and **integrated UI & API automation suites** using **Java** and **Selenium** into **CI/CD pipelines using Jenkins**, resulting in a **70% reduction in manual testing effort** and increasing defect detection rate.
- Collaborated with cross-functional teams to **troubleshoot production issues** and improve overall system reliability.

CERTIFICATIONS

Google Cloud Certified Associate Cloud Engineer — Credly Link

SKILLS

Google Cloud Platform (GCP), Amazon Web Services (AWS), Kubernetes, CI/CD, Jenkins, Terraform, Docker, Linux, Selenium, Python, Java, Git, Jira

EDUCATION

BACHELOR'S IN COMPUTER SCIENCE — **July 2017 - October 2020**

Michael Madhusudan Memorial College, Durgapur, West Bengal - **7.9 / 10 CGPA**

PERSONAL PROJECTS

E-Commerce Sentinel | DevSecOps CI/CD Pipeline to setup Amazon clone on AWS — GitHub Link

- Orchestrated a CI/CD pipeline to deploy an application to **Elastic Kubernetes Service (EKS)** using **Jenkins** and **ArgoCD**, adhering to **DevSecOps** best practices by implementing security checks with **SonarQube**, **Snyk**, and **Trivy**.
- Automated **Docker** image builds, pushing secure images to **DockerHub**, and enabling seamless **CD** to EKS using ArgoCD through shell scripts for updating **Kubernetes** manifests.

MultiKubeDeploy | Multi-Cluster Deployments using ArgoCD and Terraform — GitHub Link

- Utilized Terraform to provision **Google Kubernetes Engine (GKE) clusters** and custom Virtual Private Cloud (VPC), implementing a **hub-spoke architecture** for centralized management and deploying an application across **multiple clusters** using **ArgoCD ApplicationSets.**
- Streamlined deployment across environments by utilizing a single **Helm** chart with environment-specific values files, enabling **creation of development, test and production environments.**