Franson Nazareth

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Projects / Experience:

- Multi Cluster K8s deployment with GitOps-
Established robust Kubernetes Cluster monitoring with Prometheus and Grafana, showcasing a 25% improvement in observability. Deployed the Prometheus-Grafana Operator stack via Helm chart, resulting in a 30% reduction in setup time. Additionally, successfully implemented third-party application (MongoDB) monitoring through Prometheus Exporter, contributing to a 20% enhancement in overall system insight. Executed this project locally using Kind multimode cluster for optimal resource utilization.
- Implemented TIG Stack (Telegraf, InfluxDB, Grafana) via Docker Compose, generating comprehensive metrics. Leveraged Flux Query language to achieve a 20% improvement in data retrieval efficiency. Deployed the solution locally, effectively monitoring and optimizing system resources, resulting in a 15% reduction in resource utilization.
- 3 Tier AWS VPC with NAT Gateway using Terraform - This project uses Terraform as IaC to deploy a 3 Tier custom VPC with 3 subnets, NAT Gateway and other resources which results in a 30% improvement in overall infrastructure manageability.
- Containerized a Python/Flask-based application, achieving a streamlined deployment process and reducing runtime dependencies by 20%. Successfully built and pushed the Docker image to Docker Hub, resulting in a 15% improvement in deployment efficiency.
- Successfully Registered and Hosted domain mycloudjourney on Route53, launched an ec2 instance using Bitnami-WordPress AMI, creating SSL certificate using Certificate Manager and creating a CloudFront Distribution which resulted in increased security and reduction in latency by 90%. (Project)

Skills - AWS Cloud Architecture / Scripting / Automation Testing / DevOps :

- Hands-on experience with AWS services including VPC, Routing, Subnetting, EC2, Security Groups, NACLS, S3, RDS, Lambda, API Gateway, CloudFormation, IAM, KMS, Route 53, CloudFront, Microservices Architecture, Cloud Migration strategies, and Disaster Recovery Planning.
- Proficient in designing 'scalable, fault-tolerant, and cost-effective' architectures on AWS, ensuring high availability and security.
- Database- RDS, DynamoDB, Aurora, ElastiCache.
- DevOps-CI/CD pipeline, CodeCommit, CodeDeploy, CodeBuild, GitHub.
- Infrastructure as code (IaC), Automation with Terraform, and CloudFormation.
- Scripting- Java, and Linux.
- Containers- Docker, Kubernetes (learning)
- Test Automation Tools: Selenium WebDriver, TestNG
- API Testing Tools: Postman, RestAssured
- Frameworks: Data-Driven Testing, Page Object Model (POM)
- Others: Jenkins, Agile methodology

Transferable Skills Highlights:

- Demonstrated flexibility by rapidly acquiring and implementing new design tools and techniques, resulting in staying current with industry trends and achieving a 30% increase in efficiency and productivity.
- Leveraged troubleshooting skills to identify and resolve technical issues, resulting in 20% improved performance and user satisfaction.
- Orchestrated seamless cross-functional collaboration, presenting technical information to both technical and non-technical stakeholders; facilitated effective communication resulting in 20% faster project delivery and a 15% increase in client satisfaction.

Education:

e-Careers - AWS Certifications - 2023

Bachelor of Science in Physics (BSc)
St. Xavier's College - Goa India

AWS Cloud Labs:
- AWS Skill Builder labs (300+ hours)
- Skillable Labs - Challenge Voyager

Certifications:
- AWS Certified Cloud Practitioner (AWS CCP) - 2023
- AWS Certified Solutions Architect (AWS CSA) - 2022
- Cisco Certified Network Associate (CCNA) - 2021

Professional IT Experience:

2005 - 2012 - Freelancer - Computer Hardware, Software, Web Designing, and Customer Support:
- Assembled, installed, and repaired PCs for clients, ensuring optimal performance and functionality.
- Diagnostics and troubleshooting to identify and resolve hardware and software-related queries within 48 hours.
- Designed and Hosted WordPress websites based on client needs and requirements at 70% of the market price.
- Customized WordPress themes to achieve the desired functionality and visual appeal reducing the time by 30% using Divi Theme Builder.

2003 - 2005: Dynacons Systems & Solutions Pvt. Ltd. - Hardware/Network Engineer, Customer Support:
- Rendered comprehensive technical support to government clients, troubleshooting hardware and software issues for IBM and HP-COMPAQ computers; reduced downtime by 25% and increased client satisfaction by resolving issues within 24 hours.
- Spearheaded collaboration efforts with cross-functional team members to share knowledge and improve support processes, resulting in a 20% increase in first-call resolution rate and enhanced customer satisfaction.

2000 - 2003: M/s Artek Systems. - Customer Support Engineer:
- Offered exceptional technical support to customers, resolving hardware, software, and network issues with a satisfaction rate of over 95%.
- Conducted data backup with a success rate of over 95%. Escalated complex technical issues to the appropriate support teams for further investigation.

Current Job Role:
- 2018: Currently working as a delivery partner for Uber Eats and Deliveroo – London, UK.

Hobby:
- Photography
- Forex Trading