Raj Dhamsaniya

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EXPERIENCE

Disney+ Hotstar

SDE2 (Productivity Engineering)   *July 2022 – Present*
SDE1 (Productivity Engineering)   *Sep 2021 – Jun 2022*

- Assessed multiple tools to improve the developer experience with reduced risks and more simplicity.
- Driven standardisation and simplicity across teams in the build and deployment process by having config driven workflow that can cater to 90% of the org usages.
- Strengthened deployment confidence for more than 150 services with canary deployment that allows code and metrics verification as part of standard deployment patterns.
- Managed infra for building and deploying entities with various patterns of jobs that completes more than 3000 jobs per day enabling various PR checks, build and deployment workflows for most of the services.
- Contributed for various org-wide terraform module improvements and upgrade the state to version >1.

Argusoft India Ltd

DevOps Engineer   *Jan 2020 – Aug 2021*
DevOps Intern   *Sep 2019 – Dec 2019*
Programmer Analyst Intern   *Jul 2019 – Aug 2019*

- Gather implementation insight of a client having the infrastructure in Azure. Strengthened skills on various cloud technologies like Azure DevOps, Citrix VirtualApp Essentials, SQL Server, VMs, and Blob Storage.
- Lead the devops team of 3 and completed projects for multiple clients spanning the globe in various cloud platforms Azure and AWS.
- Administered PaaS migration of resources using ARM deployments, Azure SQL DB, Function App, Logic App, Data Factory. Achieved around 40% cost reduction with increased throughput and decreased inter-client shared resources.
- Managed multi-environment systems and gain insight from the data logged from the application, with components like lambda, EMR, S3, EC2, VPC, SES, CloudWatch, ALB, WAF, Boto3, Terraform, PySpark.

PROJECT

Consensus using Practical Byzantine Fault Tolerance

BTech Project   *Jan 2019 – May 2019*

- The project is developed as a BTech final year project. It aims to state and modify the problems in the implementation and scaling of pBFT for consensus mechanisms in blockchain technology by data sharding and Execute-Order-Validate architecture.

EDUCATION

Ahmedabad University – Ahmedabad, India   *Aug 2015 - May 2019*
Bachelor of Technology, Information and Communication Technology; Gate score (2019) - 559

ADDITIONAL

Technical:

- Cloud: AWS, Azure
- IaaC, IaaS, PaaS, SaaS, FaaS
- Docker, Docker-compose, Kubernetes (k8s)
- Scripting: Shell, Python, PowerShell
- Tools: Harness (CG, NG), GitHub Action Terraform, Azure DevOps, Jenkins, Gitlab CI/CD
- Distributed Systems, DSA

Languages: Gujarati (Native), English, Hindi

Certifications:

- Ex-Microsoft Certified - Azure Fundamentals (AZ-900), Azure Administrator Associate (AZ-104), Azure Data Engineer Associate (DP-200 & DP-201)
- Hashicorp Certified - Terraform Associate

Publications: Raj Dhamsaniya, Deep Patel, Harsh Patel. "MMPL (Medicine Multi-Participant Ledger): A blockchain-based solution to tackle the problem of illegal use and manufacturing of medicine" accepted at International Workshop on Blockchain Technology 2018, co-located with BDA 2018.

Workshop: Conducted "Hands-On Blockchain" workshop as part of Ingenium - 2020 at Ahmedabad University.