Daniel Paulraj Technology Lead | DevOps

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in www.linkedin.com/in/danielpaulraj

Profile

Results-driven DevOps professional with nearly 9 years of experience in designing, implementing, and optimizing cloud infrastructure and DevOps practices. Demonstrated expertise in cloud-based solutions, automation, and CI/CD pipelines, with a deep understanding of agile methodologies. Proven track record of successfully delivering scalable and resilient systems on time, driving operational efficiency, and fostering cross-functional collaboration. Seeking to leverage my leadership skills and technical expertise to enhance business performance through cutting-edge cloud technologies and DevOps strategies

Professional Experience

Infosys Pvt Ltd   Dec 2021 – present | CHENNAI, India
Technology Lead - DevOps

Client: **Natwest Group**

- As a **lead** for the new *payment transaction application*, I am responsible for the full deployment and Architechting support of the new system. This includes all stages of the project, from initial planning to final implementation and maintenance.
- **Orchestrated** a large-scale migration of legacy services to microservices architecture, enhancing system resilience and leading to a 30% reduction in downtime.
- **Collaborated** with development teams to enhance software operability, reducing critical bugs in production environment
- **Developed, deployed, and maintained applications** in **OpenShift** and **Kubernetes**, leveraging container orchestration for scalability and high availability.
- Extensive hands-on experience with **AWS** to meet project demands, including infrastructure design, deployment, and monitoring.
- Knowledge of **CI/CD pipelines** using **GitLab CI/CD**, **Jenkins**, and **Git** for seamless automation and version control.Created Pipelines for Auto Deployment in OpenShift using Helm and in PCF.
- **Managed Confluent Kafka** infrastructure, including essential components like **RabbitMQ** and **Zookeeper** for real-time data streaming.
- **Integrated Splunk** for comprehensive monitoring and logging, significantly enhancing application observability and performance.
- **Configured IAM patterns** and led **Ping Federate (SSO) integrations**, ensuring secure and seamless user authentication.
- **Managed APIs using TYK**, optimizing security and performance for microservices-based architectures.
- **Handled application artifacts** within **Artifactory**, ensuring proper versioning and dependency management across environments.
- Optimized application connections through **NETORCA**, resulting in a 30% reduction in latency across services
- Proficient in **Terraform** for **Infrastructure as Code (IaC)**, enabling automated provisioning and management of cloud resources.
- **Deployed and managed microservices** on **PCF**, enabling continuous delivery and scalable operations.
- **Secured sensitive data** using **HashiCorp Vault**, adhering to industry best practices for secret management.

- **Designed and implemented automated deployment** and monitoring systems, enhancing efficiency and reducing manual effort.
- Expertise in **cloud computing platforms** such as **AWS** and **Azure**, ensuring robust and reliable infrastructure.
- Deep understanding of **network protocols**, **security best practices**, and **Agile methodologies** for optimized DevOps operations.
- Experience in **IBM WebSphere Application Server** for deploying and managing enterprise applications.
- Deep understanding of **UNIX/Linux system** for troubleshooting and performance tuning

IBM India Pvt Ltd   Feb 2016 – Dec 2021 | CHENNAI, India
Service Delivery Specialist

Client: The Maersk Group from Denmark.

- Strong working experience with **RHEL**, including in-depth experience in deep-level support, administration, and performance tuning of RHEL Linux.
- Managed **Red Hat Enterprise** Linux builds, installations, configurations, and maintenance on both physical servers and in a virtual environment.
- Created VM instances using **VMware/AWS** and migrated applications from other servers.
- Supported Linux environment with around 2500+ servers running Red Hat Linux.
- Strong working experience with **VMWare** Virtual Machines, including administration and performance tuning.
- In-depth experience in **O/S Patching**, and Hardware Firmware upgrade
- Installed, configured and managed new configuration tools like IEM, **Axway, Qualys, Ansible, Datadog**, etc
- Working experience with VMWare and Configuring Reference servers, Developing and managing blueprint of the servers.
- Experience in managing Linux systems in complex environments and business-critical applications.
- Provided technical support for disaster recovery efforts (actual or simulated).
- Working on New requests based on Service Requests. and problem tickets and Providing **RCA** for the issues
- Knowledge of Hardware Tools (XClarity, FSM) and Installation / Upgradation of Hardware Components using IMM
- Performed backup/recovery functions for Linux server environments.
- Performed all security/compliance functions for Linux server environments.

🎓 Education

B-Tech Information Technology   Aug 2010 – May 2014 | CHENNAI, India
Arignar Anna Institute of Science and Technology
Completed with a first-class percentage of 7.43 GPA

HSC   Jun 2009 – Apr 2010 | CHENNAI, India
St. George's Anglo Indian Higher Secondary School
Completed with a first-class percentage of 71.3%

SSLC   Jun 2007 – Apr 2008 | CHENNAI, India
St. George's Anglo Indian Higher Secondary School
Completed with a first-class percentage of 72.8%

⚜ Awards

Best Techie Award Received best techie award for continuous 3 years (2018 - 2020) from IBM
IBM

Received Insta Awards 3rd time in a ROW as best performer of the Project
Infosys

Part of Infosys Exployee Stock Ownership Program as a Platinum Member
Infosys

⚜ Certificates & Workshops

AWS Certified Cloud Practitioner 🔗 — *Validation Number : P0XXN8HBNFEQQB5Q* │
Redhat Certified System Administrator — *Certificate number: 190-184-580* │
ANSIBLE Workshop Conducted by Redhat │ **SUSE Linux training conducted by IBM**

✍ Declaration

I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.

Daniel Paulraj
Chennai, SEP-20-2024

Interests