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| Lathika Vivekanandan  Senior DevOps Engineer   |  |  | | --- | --- | | **Address**Wellington, New Zealand  **Phone**+64 212706392  **E-mail**lathikavivekanandan@gmail.com | LinkedIn https://www.linkedin.com/in/lathika-vivekanandan-004548136/ | |

Senior DevOps Engineer with extensive experience in cloud solutions, particularly AWS, and a strong background in infrastructure as code, CI/CD practices, and database management. Proven track record of operating software in production environments at massive scale, ensuring high resiliency and performance. Adept at managing relational and NoSQL databases, implementing advanced monitoring solutions, and working within microservices and distributed application architectures. Strong communication and project management skills, with a focus on delivering high-quality solutions that meet business and technical requirements.

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| **A white puzzle piece on a blue background  Description automatically generated** | **Skills** |

 **Scripting Languages:** Bash, Python, PowerShell, Shell

 **Configuration Management:** Ansible

 **Infrastructure as Code:** Terraform

 **Version Control Systems:** Git

 **CI/CD Tools:** GitLab CI, AWS pipeline, Azure DevOps

 **Operating Systems:** Ubuntu, Debian, Linux, Windows

 **Database Operations & Development:** MySQL, Database in Cloud Services, Database Builds from scratch

 **Virtualization & Containerization:** VMware, Kubernetes, Docker

 **Cloud Platforms:** AWS Deployment & Operations

 **Programming language :** Java

 **System Monitoring & Logging:** SolarWinds

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| 2023-03-  Present | **Senior DevOps Engineer**  Computer Concepts Limited (CCL), Wellington   **AWS Cloud Solutions:**   * Managed large-scale AWS environments, focusing on key services such as EC2, ECS, IAM, VPC, Lambda, and Kinesis. * Architected and implemented highly resilient and scalable cloud solutions, ensuring optimal performance and availability.    **Infrastructure as Code:**   * Automated infrastructure provisioning and management using Terraform and CloudFormation, significantly reducing manual tasks and deployment times. * Developed and maintained infrastructure as code (IaC) templates, enabling consistent and repeatable deployments across multiple environments.    **CI/CD Pipeline Development:**   * Designed and managed CI/CD pipelines using Azure DevOps and Jenkins, automating build, test, and deployment processes. * Integrated security and compliance checks into CI/CD workflows, ensuring that deployments met organizational standards.    **Monitoring & Alerting:**   * Automated the setup and configuration of SolarWinds SNMP for consistent and efficient network monitoring.    **Security & Compliance:**   * Implemented Git commit signing and Docker Content Trust, enhancing the security and integrity of code and container images.    **Mentorship & Leadership:**   * Provided guidance and mentorship to junior engineers, fostering a culture of continuous learning, collaboration, and adherence to best practices in DevOps and cloud management. |
| 2021-07 -2022-09 | **Application Engineer**  AMAZON.COM, Chennai (India)   **AWS Cloud Operations:**   * Managed and optimized AWS-based services, focusing on automation and efficiency to handle high-scale operations securely. * Utilized services such as EC2, RDS, and DynamoDB to support large-scale, mission-critical applications.   ** CI/CD & Automation:**   * Developed and maintained CI/CD pipelines to streamline software deployments, ensuring code was delivered efficiently and securely. * Automated the onboarding of services to AWS, improving deployment times and reducing manual errors.    **System Monitoring & Security:**   * Integrated AWS CloudWatch and other monitoring tools to track system performance and ensure high availability. * Implemented security best practices across AWS environments, ensuring compliance with industry standards.    **System Migration & Optimization:**   * Led the migration of applications to more efficient cloud platforms, optimizing resource usage and enhancing application performance. |

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| 2018-06 - 2021-07 | **Automation Engineer**  HCL TECHNOLOGIES, Chennai (India)   **Infrastructure Automation & AWS:**   * Automated the deployment and management of AWS infrastructure using Terraform and CloudFormation, reducing manual intervention and increasing deployment consistency. * Created reusable Terraform modules for common infrastructure patterns, improving deployment efficiency across multiple projects.    **CI/CD Pipeline Development:**   * Built and maintained CI/CD pipelines using Jenkins, automating build, test, and deployment processes to ensure quick and reliable software releases.    **Database Management:**   * Managed AWS RDS and DynamoDB instances, optimizing performance, ensuring data integrity, and automating routine maintenance tasks such as backups and scaling.    **System Monitoring & Alerts:**   * Deployed and configured monitoring tools like Datadog and AWS CloudWatch, setting up custom alerts and dashboards to proactively monitor system health. * Integrated monitoring data into incident response workflows using PagerDuty, enabling faster resolution of critical issues. |

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| **A white square academic cap with a tassel  Description automatically generated** | **Education** |

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| 2014-08 - 2018-05 | Bachelor of Engineering: Electrical, Electronics, And Communications Engineering  RMK College of Engineering and Technology - Chennai |

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|  | * Terraform Associate Certification * Pursuing AWS DevOps Certification path * Pursuing AI course from Microsoft |
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| **A white circle with ribbons on a blue background  Description automatically generated** | **Professional Affiliations** |

* Member, DevOps Institute