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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/ | |

DevOps and Site Reliability Engineer with a strong background in automating infrastructure, optimizing deployment pipelines, and enhancing system reliability. Extensive experience working with cloud platforms, database management, CI/CD practices, and Infrastructure as Code (IaC) tools like **Terraform**. Adept at building scalable cloud solutions, scripting, and resolving complex infrastructure issues. Skilled at mentoring and collaborating across teams to drive continuous improvement. Passionate about solving customer problems and ensuring high availability and performance in cloud-based systems.

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

 **Database/Infrastructure**: SQL, MySQL, Oracle, Postgres, DynamoDB

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

 **Infrastructure as Code**: Terraform, CloudFormation, Ansible

 **CI/CD**: Jenkins, Azure DevOps, GitHub Actions

 **Cloud Platforms**: AWS (Amazon Web Services), Azure

 **Containerization**: Docker, Kubernetes

 **Monitoring & Observability**: SolarWinds, BigFix, custom alerting and monitoring tools

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| **A white line on a blue background  Description automatically generated** | **Work History** |

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| 2023-03-  Present | **Senior DevOps Engineer**  Computer Concepts Limited (CCL), Wellington   * **Infrastructure Automation & CI/CD**: Created agents and built CI/CD pipelines using Terraform, Packer, Docker, and Azure Pipelines. Automated the setup and installation of various agents like Tenable Nessus, Qradar, and Trend Micro Deep Security for Linux and Windows environments. * **System Design & Monitoring:** Automated SolarWinds SNMP configuration for new machines, enabling efficient monitoring. Leveraged Ansible, Git, Python, and Bash scripting to ensure secure, scalable system operations. * **Pipeline setup:** Developed CI/CD pipelines using Jenkins to automate the setup of cloud environments and deploy applications securely and at scale. * **Database Management**: Managed and optimized MYSQL Database systems in both on-premises and cloud environments, ensuring smooth operation and daily health checks. * **Mentorship & Leadership:** Provided guidance and mentorship to junior engineers, fostering a culture of continuous learning and collaboration. * **Offboarding Automation:** Developed and executed scripts to automate the removal of snapshots and backups during the offboarding process, ensuring systems were properly decommissioned without leaving orphaned data. This included validating backup statuses before disabling and removing them, reducing potential issues in the process. * **CrowdStrike Falcon Task:** Managed the extraction of host entities from the CrowdStrike Falcon platform, handling large datasets with over 68,000 records. Implemented a process to iteratively fetch data in compliance with API limits, ensuring comprehensive data retrieval for security analysis. * **Kubernetes on AWS:** Worked with AWS infrastructure, managing containerized applications deployed on **Amazon EKS**, implementing best practices for scalability and security. |
| 2021-07 -2022-09 | **Application Engineer**  AMAZON.COM, Chennai (India)   * **Automation & CI/CD:** Automated the onboarding of services to Cloudauth, ensuring secure and scalable deployment. Utilized Java for code changes and testing in Gamma and Beta environments, ensuring seamless production rollouts. * **System Migration & Optimization:** Led Project Sandwich, migrating applications from legacy to power-efficient hosts. Ensured thorough testing and validation in new environments before releasing legacy hosts. * **System Design & Development:** Upgraded KindleSocialWebView Service, implementing code changes and testing for improved performance and compatibility. * **Performance Improvement:** Worked on the YJ100 program to enhance reader experiences by converting titles to the YJ format. Used Python and Shell scripting to resolve errors and avoid content cuts. |

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| 2018-06 - 2021-07 | **Automation Engineer**  HCL TECHNOLOGIES, Chennai (India)   * **Infrastructure Automation:** Established end-to-end server build automation, integrating ServiceNow for change management, and deploying pre- and post-build configurations for VMs.  Technologies used: PowerShell, CAITPAM, Terraform. * **Decommissioning Automation:** Automated the server decommissioning process, reducing manual effort by automating key tasks and stakeholder notifications. Technologies used: PowerShell, ServiceNow API, Python. * **System Monitoring & Patching:** Integrated servers into SolarWinds and BigFix for monitoring and patch management, ensuring systems remained compliant and secure. * **Implemented a comprehensive monitoring solution** using Terraform and Ansible for a cloud-based application, resulting in a 20% improvement in system reliability and a reduction in incident response times. |

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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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| **A white circle with ribbons on a blue background  Description automatically generated** | **Certifications** |

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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