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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/ | |

Versatile Senior DevOps Engineer with extensive experience in both frontend and backend development for deploying end-to-end, customer-facing solutions in the cloud. Proficient in automating desktop and on-premises environments, and experienced with cloud platforms such as AWS. Adept at serverless architecture, infrastructure development, and integrating DevOps tools. Strong understanding of Linux and Windows infrastructures, databases (SQL ), CI/CD pipelines, and various programming languages. Dedicated to staying up-to-date on the latest industry trends and applying innovative solutions to optimize system performance and reliability.

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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:** AWS pipeline, Azure DevOps

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

 **Database Operations & Development:** MySQL

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

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

 **System Monitoring & Logging:** SolarWinds

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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. * **Security & Compliance:** Implemented Git commit signing and Docker Content Trust to ensure runtime verification of image integrity and publisher authenticity. * **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. * **Serverless Architecture:**   Optimized serverless infrastructures to improve efficiency and reduce costs, ensuring seamless operation of services. |
| 2021-07 -2022-09 | **Application Engineer**  AMAZON.COM, Chennai (India)   **Operations & Automation:**   * Managed cloud operations across AWS, focusing on automation and infrastructure optimization to ensure efficient and secure operations. * Developed automation scripts in Python and Bash to manage cloud resources and reduce manual intervention.    **Software Development:**   * Contributed to both frontend and backend development for applications deployed in AWS, integrating with services like Lambda, RDS, and DynamoDB.    **DevOps Tools Integration:**   * Utilized Confluence and JIRA for project management and collaboration, ensuring efficient workflow and communication within the team. *  **Infrastructure Development:** * Worked on infrastructure development projects that involved creating and maintaining cloud environments using Terraform |
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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. |

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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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|  | **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