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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 over 6 years of experience in DevSecOps, cloud infrastructure, and system security. Strong expertise in AWS, GitHubActions, Kubernetes, and automating secure deployments across large-scale systems. Adept at implementing CI/CD pipelines, managing cloud platforms, and ensuring system security through robust risk management techniques. Adept at collaborating with cross-functional teams to enhance reliability, performance, and security in production environments.

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

**Scripting Languages**: Python, Bash Shell, Power Shell

**Programming Language**: Java

**Orchestration Tools**: Ansible, Git, CAITPAM, SCORCH, VRO

**Database**: MYSQL

**Security Tools & Technologies:** Firewalls, IDS/IPS, Vulnerability Scanners (Tenable Nessus), Docker Content Trust

**Infrastructure as Code:** Terraform, Ansible

**Other Tools:** Terraform, Cloud-based CI/CD pipeline (Azure DevOps)

**Containerization:** Docker, Kubernetes

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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. * **AWS and GitHub Actions:** Managed secure deployments of applications using GitHub Actions for CI/CD pipelines and integrated with **AWS** infrastructure for scalability and security. * **Security & Compliance:** Implemented Git commit signing and Docker Content Trust to ensure runtime verification of image integrity and publisher authenticity. * **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. * **Security & Risk Management:** Implemented **firewalls**, **intrusion detection systems**, and vulnerability management tools such as **Tenable Nessus** to ensure system security and compliance. * **Monitoring & Incident Response:** Integrated Splunk and SolarWinds for monitoring and logging, enabling real-time analysis of system performance and security incidents. |
| 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. * **Security & DevOps Integration:** Automated application deployment processes with a focus on security best practices. Utilized AWS IAM and role-based access controls to enforce strict security policies during application 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. * **Monitoring & Security Tools:** 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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| **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