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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 7 years of experience in automating infrastructure, optimizing deployment pipelines, and enhancing system reliability. Proven expertise in leading teams, mentoring junior engineers, and implementing robust monitoring and alert systems. Skilled in managing containerized applications using Docker and Kubernetes, proficient with cloud platforms such as AWS, and experienced in database management, scripting, and development using Python and JavaScript.

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

**DevOps Tools**: Ansible, Terraform, Docker, Kubernetes, Git, CI/CD (Azure Pipelines), CrowdStrike Falcon

**Programming & Scripting**: Python, JavaScript, Bash, PowerShell

**Monitoring & Alerts**: SolarWinds, BigFix

**Databases**: MongoDB, MySQL, ElasticSearch

**Cloud Platforms**: AWS, Azure

**System Administration**: Windows and Linux Server infrastructure

**Team Leadership**: Mentoring, collaboration, and continuous improvement of DevOps practices

**API Integrations**: REST APIs, ServiceNow, Cloud-based automation

**Security & Compliance**: Git commit signing, Docker Content Trust

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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. * **Leadership & Mentorship**: Provided technical guidance to junior engineers, promoting a culture of learning and collaboration. * **Database & Middleware Management:** Handled PostgreSQL, and MYSQLdatabases for production systems, ensuring high availability and performance. * **Automation & Deployment:** Automated application deployments through CI pipelines, ensuring continuous integration and seamless application updates using Helm and Kubernetes. * **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. * **Linux server optimization**: Implemented Linux server optimization strategies that reduced system downtime by 50%, ensuring high availability and reliability across all cloud platforms. |
| 2021-07 -2022-09 | **Application Engineer**  AMAZON.COM, Chennai (India)   * **Kubernetes on AWS:** Worked with AWS infrastructure, managing containerized applications deployed on **Amazon EKS**, implementing best practices for scalability and security. * **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. |

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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 * AWS Certified Cloud Practitioner * 10k women AI Advantage course from Microsoft * Pursuing AWS DevOps Certification path |
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| **A white circle with ribbons on a blue background  Description automatically generated** | **Professional Affiliations** |

* Member, DevOps Institute