

# AKASH RAGUPATHI

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Eligible to work as an intern under the Stamp 2 visa scheme without sponsorship between October 2024 and May 2025, with a view to securing a Graduate 1G visa in July 2025.

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## OVERVIEW

DevOps Engineer with 4 years of AWS, On-premises infrastructure and banking sector experience. Result-oriented performer in implementing high quality solutions that are scalable, highly available and fault tolerant. Demonstrable experience in designing virtual private cloud environment, automating software development workflow using CI/CD pipeline and migrating on-premises virtual machines to AWS cloud.

## EDUCATION

- Master of Science in Information Systems Management from University of Galway- Ireland (2024-2025)
- Bachelor of Engineering in Electronics and Communication Engineering from RMK ENGINEERING COLLEGE (ANNA UNIVERSITY affiv.)- India (2015-2019)

## PROFESSIONAL EXPERIENCE

**Accion Labs Sdn Bhd** : July 2023 – May 2024 | **PROJECT**: United Overseas Bank | **Role**: Devops Engineer | **Location**: Kuala Lumpur

- Standardized over 400 legacy applications to align with organizational standards and internal DevOps framework, enhancing CI/CD architecture by 95%
- Automated Bitbucket housekeep job using groovy to delete branches with no commits for over 30 days enhancing repository management.
- Developed python script using OpenPyXL library to automate excel report generation for Resident Foreign Currency application improving data accuracy and efficiency.
- Restructured existing monolithic application repository into separate modular application, reducing build time by over 25% and enhancing maintainability.
- Customized SIT and UAT deployment jobs to meet the changing BAU needs reducing system integration issues by 75%
- Developed and maintained deployment property file using shell and YAML ensuring accurate configuration management.
- Optimize existing shell and Windows batch scripts to enhance performance, readability, and produce clear console output.
- Automated initiation of Veracode job process to generate security reports.
- Fix build and deployment pipeline failures reported in JIRA and collaborate with different teams maintaining workflow efficiency with zero escalations.
- Created comprehensive documentation in confluence for team collaboration and knowledge sharing.

**Fujitsu Consulting India**: February 2020 – June 2023 | **PROJECT**: Toyota Infra Management | **Role**: Assistant Technical Service Engineer | **Location**: Bangalore

- Migrated 15 IoT-based on-premises VMs to AWS machine images, achieving a seamless transition with zero business impact
- Developed and maintained cloud infrastructure services by creating and managing AWS services using AWS CLI ensuring efficiency and scalability.
- Designed and managed VPC network for private connections using client VPN service ensuring security compliance requirements.
- Provisioned and managed SSL/TLS certificates using Amazon Certificate Manager for secured VPN and web application connections.
- Enabled Infrastructure and network traffic monitoring with CloudWatch and Log Groups implementing metrics, alarm and dashboard for troubleshooting and performance optimization.
- Enhanced IOPS performance by upto 30% by enabling Elastic Network Adapter driver for EC2 instances running on legacy private images
- Developed and maintained automation scripts using Ansible to manage and deploy infrastructure components.
- Managed WSUS patching on Windows Server 2012 for on-premises systems ensuring timely updates and security compliance.

## TECHNICAL SKILLS

**Platform:** Red Hat Enterprise Linux, Windows server R2012, **Cloud:** Amazon Web Services, **SCM Tool:** Bitbucket, **Build Tool:** Maven, ANT, NPM **Build Automation:** Jenkins, **Configuration Management:** Ansible, Terraform, **Language:** Bash Scripting, Groovy, c#, **Monitoring tool:** CloudWatch, **Database:** Microsoft SQL, **Deployment Tool:** Rocket Aldon, **Containerization Tool:** Docker

## CERTIFICATIONS

- Oracle certification for programming in core Java
- Japanese NAT-N5 certification
- Business English Vantage certification- University of Cambridge

## REFERENCES

Available upon request