VIJAI VEERAPANDIAN

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Profile

Skilled and experienced professional with a good technical background and customer-facing experience. adept at understanding client requirements, analyzing business processes, and translating them into effective solutions. Proven ability to work and lead cross-functional teams and drive successful projects.

Technical skills

- Proficient in DevOps environment with tools like Ansible, Terraform, Docker/Docker-compose, Kubernetes, GitHub actions, Vault, sops, Synk for scanning and CICD tools like Jenkins for CI and Flux, Argo CD for CD, Azure DevOps tool.
- Experienced in Agile project methodologies and Devops Infrastructure, CICD pipeline setup and maintenance.
- Skilled in automation using Linux platform, Shell scripting, and Python.
- Hands-on experience with cloud technologies like AWS, Azure, GCP and on-Prem using Proxmox and VMware vSphere.
- Knowledgeable in data science, deep learning, and Machine learning projects, including computer vision models for IoT devices like Intel OpenVINO integrating with DevOps Lifecycle.
- Observability and for monitoring tools like Prometheus, Grafana, Loki and ELK Stack.

Business skills

- Demonstrated ability to understand client business requirements and translate them into actionable solutions
- Skilled in conducting requirements gathering sessions and stakeholder interviews
- Adept at analyzing business processes, identifying pain points, and proposing process improvements
- Experienced in collaborating with cross-functional teams, including developers, architects, and subject matter experts.

Portfolio and some Open-DevOps Projects
GitHub: https://github.com/vijai-veerapandian

Certification

CKA - Certified Kubernetes Administrator
Cloud – AWS Certified Solution Architect Associate
Linux – Red Hat Certified Specialist in Ansible Automation
ITIL V3 Foundation

Education

Master of Business Administration, Sprott School of Business
Carleton University, Ottawa, Canada
Full time, First Class and duration: Jan 2023 – June 2024

Bachelor of Engineering from Anna University, Chennai, India
Full time, First Class, and Year of Passing: May 2009

LinkedIn: www.linkedin.com/in/vijaiveerapandian

Work Experience

DevOps Engineer, Freelancing   Duration: June 2024 - Present

- DevOps Engineer with hands-on experience delivering scalable infrastructure and CI/CD pipelines for Saas and cloud-native startups using Ansible, Terraform, Jenkins, Flux, Azure Devops and Kubernetes (AKS, EKS Clusters).
- Collaborated with clients via Upwork, building end-to-end DevOps solutions AWS/Azure with a focus on automation, Infrastructure as code and seamless deployments.
- Led Infrastructure design for Omnineuro (AI/IOT startup) using Terraform and AWS service to create secure, scalable cloud environments.
- Implemented DevOps best practices with a strong focus on compliance (HIPAA, PHIAA) and security, utilizing Vault and SOPS for secrets management and access control.
- Delivered cost optimization using AWS Trusted Advisor and Cloud Zero, helping clients reduce cloud spend while maintaining performance and meeting regulatory standards.

DevOps Engineer, REBL Startup, Part-time   Duration: 2023 - 2023

- Contributed to a startup agile product development environment, collaborating closely with cross-functional teams.
- Participated in daily scrum meetings and managed tasks through Click Up to ensure project alignment and progress.
- Managing and fixing cluster issues on Neo4j causal Clusters and MongoDB databases in GCP Cloud and Implemented MongoDB Atlas to achieve scalability for Dev/Prod.
- Technical skills include MongoDB Atlas, Docker, GCP cloud, Ubuntu and Neo4j.

Technical Consultant, Wipro Ltd   Duration: 2014 - 2023

Client: Intel, Senior DevOps Engineer   Duration: 2021 – 2023

- Contributed to product development in an Agile environment on a hybrid on-premises and cloud-based platform.
- Developed proof of concept (POC) implementations for computer vision inference using the OpenVINO toolkit for IoT applications.
- Worked on smart city data science projects, utilizing technologies such as Docker, Kubernetes, Grafana, and Prometheus.
- Set up infrastructure platforms using VMware vSphere VMs, Ubuntu MAAS, and AWS with automation tools like Terraform and Ansible.
- Collaborated effectively with cross-functional teams from diverse technical backgrounds to achieve shared project goals.

Client: Cisco   Duration: 2019 – 2020

- Developed and maintained Ansible playbooks for deploying MySQL clusters on RedHat Servers
- Contributed to the integration of Ansible with Kubernetes for efficient container orchestration.
- Actively participated in Agile development processes, collaborating on user stories and delivering solutions in iterative cycles.

Client: Apple Computers   Duration: 2017- 2019

- Spearheaded the redesign and enhancement of infrastructure automation tools, including the development of custom Ansible playbooks to improve efficiency and scalability.
- Managed the installation and configuration of Ansible Tower, overseeing its operation within Docker containers to optimize deployment workflows.
- Developed and maintained Ansible playbooks and Jenkins pipelines to support Continuous Integration and Continuous Deployment (CI/CD) processes.

- Led the deployment of multiple instances across testing and production environments using Jenkins, Git, and Docker, ensuring streamlined and reliable release management.

Client: Takeda Pharmaceutical   Duration: 2015 – 2017

- Provided technical subject matter expertise in Datacenter IT, serving as a key point of contact for client interactions.
- Managed and resolved infrastructure issues related to SAN and Dell EMC VNX, Unity storage devices, ensuring efficient communication and updates for managers and stakeholders.
- Conducted training sessions to enhance team knowledge and capabilities in storage management.

Client: Japan Tobacco International   Duration: 2014 – 2015

- Conducted EMC VMX and EMC VNX storage migration, ensuring seamless data transfer and system optimization.
- Configured EMC storage replication to establish disaster recovery (DR) capabilities, enhancing application resilience and high availability.

Ebix Ltd, Senior System Administrator   Duration: 2010 - 2014

Client: Ameriprise Financial Inc, MetLife, Penn Financial, John Hancock Financial Network, National Financial Partners, and HSBC.

- Developed and maintained shell scripts for the deployment and patching of monolithic web applications, streamlining release processes.
- Provided comprehensive server administration for SUSE Linux, Windows Servers, Virtual Machines, and hardware including Dell PowerEdge and HP ProLiant servers.
- Led projects involving the commissioning and decommissioning of application instances to optimize resource utilization.

Volunteering

2023
Role: Sprott MBA Peer Mentor
Details: Sprott School of Business at Carleton University.

2023
Event: Canada Army Run, Sept 2023
Details: Participated and completed 10K Marathon.

2017
Event: Red Cross Blood Donation Camp
Details: Actively participated as a blood donor in the Red Cross Blood donation at Wipro Ltd.

2009
Role: Defender position in Field Hockey team during Undergraduate studies.

Interests

- Passionate about IT technology, with hands-on experience in building computers, troubleshooting laptop issues, and continuously exploring new IT concepts.

- Enjoy driving, traveling, stargazing, reading, and engaging with philosophy.