


PRAMILA KAMAT

SENIOR AWS AND DEVOPS ENGINEER

CONTACT

 +91-8767601227

 pramilakamat@gmail.com

 Mumbai-Maharashtra, India

SKILLS

- **AWS:** EC2, Lambda, EBS, ELB, ASG, Route53, API Gateway, VPC, S3, RDS, Aurora, DynamoDB, DMS, CloudFront, CloudTrail, ACM, Cognito
- **Container Platform:** Docker
- **Container Orchestration:** Kubernetes, Amazon EKS, ECS
- **CI/CD Tools:** Jenkins, GitLab, GitHub Actions, AWS CodePipeline
- **Monitoring:** AWS CloudWatch, Prometheus, Grafana
- **IAC Tools:** AWS CloudFormation, Terraform, AWS SAM
- **Version Control:** Git
- **Languages:** Python, Shell scripting, C, C++
- **GitOps Tool:** ArgoCD
- **RDBMS:** Oracle, PostgreSQL
- **Operating system:** Linux, Windows
- **Cybersecurity:** IAM, PKI, AWS KMS, CloudHSM, SSO
- **Networking:** OSI Model, TCP/IP, DNS, DNSSEC, DHCP, Routing, Firewall, BGP
- **Other Tools Used:** Helm Charts, Sonar, JIRA

PROFILE LINKS

 <https://www.linkedin.com/in/pramilakamat>

 <https://github.com/pramilak>

SUMMARY

- Extensive experience working on large Enterprise applications with top multinational clients like CitiBank, Verizon, Goldman Sachs, Brown Brothers Harriman, Credit Suisse
- Experience includes working in the Banking, Finance, Telecom domain with exposure to Portfolio Management, Fund Accounting, Capital Markets, Banking Securities, Telecom Provisioning
- Successfully demonstrated AWS migration of applications, Implementing AWS cloud solutions delivering Highly Available, Fault Tolerant, Scalable and Secured architecture
- Demonstrated ability to successfully implement Automated CI-CD pipeline using DevOps Toolset
- Deployed, managed and maintained Kubernetes clusters ensuring high availability, scalability, and performance
- Demonstrated experience working with Storage, Compute, Networking, Security, Databases
- Proven ability to work collaboratively with cross-functional teams to achieve project goals.

WORK EXPERIENCE

Senior Cloud And DevOps Engineer Personal AWS and DevOps Projects

Jan 2022-Till Date

Project1-> Hosting A Secure Static Website (Personal Portfolio) with Custom Domain on AWS using Infrastructure as Code and CI/CD Pipeline

Website Link: - <https://myresume.stareventhorizon.com/>

Blogpost Links: - <https://tinyurl.com/32kbkp8m>
<https://tinyurl.com/47ju2pjx>

GitHub Link: - <https://github.com/pramilak>

Project 2: Developed a task reminder app utilizing AWS services such as EventBridge, Lambda, Step Functions, SNS, EC2, and S3. Integrated Web Identity Federation using Amazon Cognito and Google OAuth tokens.

Project 3: Demonstrated a robust CICD pipeline using GitHub Actions with self-hosted runners, Sonar, and Docker. Achieved seamless deployment on a Kubernetes cluster using GitOps ArgoCD.

Project 4: Integrated Terraform with HashiCorp Vault for streamlined secret management.

Family Sabbatical Career Break

Jun 2021-Till Date

- Provided in-home assistance and care for my father throughout his medical treatment, ensuring his well-being until a complete recovery was achieved.
- Proactively upskilled in Cloud and DevOps domain through remote learning, completing certifications, implementing hands-on projects, attending meetup groups.

PRAMILA KAMAT

SENIOR AWS AND DEVOPS ENGINEER

CERTIFICATIONS

- AWS Certified Security Specialty: March 2023
 - AWS Certified Solutions Architect Professional: March 2022
 - AWS Certified SysOps Administrator Associate: October 2021
 - AWS Certified Developer Associate: September 2021
 - AWS Certified Solutions Architect Associate: August 2021
 - AWS Certified Cloud Practitioner: June 2021
-

EDUCATION

Bachelors in Electronics Engineering
University of Mumbai: June 2003

Senior Cloud And DevOps Engineer

Client: CitiBank, Singapore

Aug 2018-May 2021

Employer: NTT Data Services, Kelly Services

- Demonstrated Implementation of AWS cloud solutions for applications delivering Highly Available, Fault Tolerant, Scalable and Secured architecture.
- Implemented AWS security best practices including IAM policies, Encryption, Security groups, Network ACLs to enhance the overall security posture of cloud infrastructure.
- Created and maintained Infrastructure as Code (IaC) using tools like AWS CloudFormation, Terraform automating the deployment of infrastructure resources.
- Implemented Monitoring solutions using CloudWatch Logs, AWS EventBridge, CloudWatch Alarms for notifying and troubleshooting issues.
- Executed vulnerability assessments and remediation strategies to fortify AWS environments against potential security threats.
- Demonstrated implementation of Disaster Recovery infrastructure, ensuring minimal downtime in case of failures.
- Deployed, configured, and managed Amazon EKS clusters, ensuring scalability, reliability, and optimal performance while deploying Containerized applications.
- Deployed comprehensive monitoring solutions for EKS clusters by integrating Prometheus and Grafana for enhanced visibility and analytics.
- Automated daily tasks and workflow using Python scripting, reducing manual tasks by 30%.
- Successfully executed Proof of Concept (POC) to implement automated application deployment on Kubernetes using ArgoCD.

Senior AWS Engineer

Client: Verizon, USA

Aug 2017-Aug 2018

Employer: Collabera

- Demonstrated Application migration from On Prem to AWS resulting in improved Application performance, Enhanced Security, Cost reduction leading to 25% revenue increase
- Demonstrated ability to successfully implement Migration, Modernization and Optimization from On Prem MySQL DB to RDS MySQL
- Implemented AWS security best practices including IAM policies, VPC configurations, and encryption mechanisms.
- Collaborated with application teams to identify and mitigate migration-related risks and dependencies.
- Implemented AWS best practices for Application and Database Security, Availability, Scalability, Performance, Disaster Recovery
- Collaborated with project managers, developers, quality assurance to ensure seamless migration to AWS
- Deployed, configured, and managed Kubernetes clusters across various environments ensuring scalability, availability, and reliability of the containerized application.
- Integrated Prometheus, Grafana for collecting time-series metrics, offering real-time insights into application and cluster performance.
- Utilized Terraform to deploy infrastructure as code.

Senior AWS Engineer

Client: Swift, USA

May 2017 - July 2017

Employer: Busitants Incorporated

- Collaborated with development teams to create and optimize Docker images, enhancing the efficiency of build and deployment processes.
 - Implemented Python scripting to automate daily tasks and workflows reducing manual workload.
-

PRAMILA KAMAT

SENIOR AWS AND DEVOPS ENGINEER

DevOps Engineer

Sep 2015 – May 2017

Client: Verizon, USA

Employer: AbridgInfo Systems

- Implemented and maintained Jenkins CI/CD pipelines, automating the build and deployment processes, resulting in a 30% reduction in release time.
- Configured and managed Jenkins jobs, ensuring the seamless integration of code changes and timely delivery of software releases.
- Utilized SonarQube for code quality analysis, implementing effective strategies to enhance overall code quality and reliability.
- Utilized Docker for containerization, managing containerized applications for development, testing, and production environments.
- Orchestrated containerized applications using Kubernetes, optimizing scalability and ensuring highly available architecture.
- Collaborated with development and operations teams to troubleshoot and optimize CI/CD pipelines and deployment processes.

Senior Software Engineer

Mar 2014 – July 2014

Client: Credit Suisse, India

Employer: Cognizant Technology Solutions

- Teamed with Project Lead to understand client needs for improved Service functionality, developing enhancements in C++ that improved application performance
- Work autonomously and respond efficiently to multiple priorities

Senior Software Engineer

Oct 2009 – Mar 2014

Client: Brown Brothers Harriman, India

Employer: Hexaware Technologies Limited

- Contributed to the development and maintenance of critical software components in C and C++
- Collaborated with cross-functional teams to analyze requirements and develop efficient solutions.
- Debugged and optimized existing codebase using tools like GDB and Valgrind, leading to a 15% improvement in performance

Software Engineer

May 2008 – Jan 2009

Client: Goldman Sachs, Japan

Employer: Savy Infotech

- Involved in Requirement gathering, Design, Analysis and Development of various modules in C++, Linux
- Performed code review and test cases review and thus reducing code break and improving code coverage

Software Engineer

Oct 2007 – Apr 2008

Accenture, India

- Involved in client interactions to implement enhancements in C++ Linux to improve application performance over 20%
- Successfully resolved critical bugs ensuring stability and reliability

Software Engineer

Jan 2005 – Sep 2007

Client: Citibank, Japan & India

Employer: Polaris Software Labs

- Collaborated with the team to design, implement, and test software solutions using C and C++
- Assisted in identifying and resolving software defects, contributing to the overall improvement of product reliability