Yash Kale

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SUMMARY

Experienced Software Developer with over four years in Golang, AWS, and Kubernetes. Demonstrates expertise in developing scalable applications and transitioning systems to Golang for enhanced performance. Proficient in cloud solutions and architecture, backed by AWS certifications, with skills in Kubernetes, Docker, and Terraform. Adept in REST API development, showcasing serverless architecture experience. Known for innovative problem-solving and collaborative team success, significantly contributing to high-profile projects at SRS Consulting Inc. and Relanto Global Pvt Ltd, emphasizing serverless solutions and advanced software architecture.

SKILLS

- Golang
- AWS cloud architecture design and implementation.
- Kubernetes
- Docker
- Terraform
- Serverless Architecture
- Microservices
- REST API
- MYSQL
- MongoDB
- DynamoDB
- Python

CERTIFICATIONS

- HashiCorp Certified Terraform Associate 003 - October 2023
- AWS Certified Developer - Associate - September 2023
- AWS Certified Solutions Architect – Associate - July 2023
- AWS Certified Cloud Practitioner - December 2022

EXPERIENCE

Software Developer, Relanto Global Pvt Ltd, August 2023-Current
Bengaluru, India
Transferred to Relanto Global Pvt Ltd. from SRS Business Solutions Pvt Ltd. on August 1, 2023, seamlessly, as part of organizational restructuring focused on innovation and business value-driven solutions.
At Relanto, a service-based company, I am deployed as a client-facing developer at Cisco. From the Cisco location, I am actively involved in two major projects: the development of the Badging-Service for the Cisco U Platform and the Cisco LearningSpace project.
Observability Enhancement in Microservices for Cisco U Platform:
- Implemented observability enhancements across multiple Golang-based microservices using

OpenTelemetry, significantly improving monitoring and debugging capabilities for the Cisco U Platform.

Development of Badging-Service for Cisco U Platform:
- Developed the Badging-Service, a specialized microservice for issuing Credly badges, activated by Kafka topic events, as part of the Cisco U Platform.
- Responsible for the complete architecture and design of the service, ensuring smooth integration and communication with other microservices within the Kubernetes cluster.
- Focused on efficient service deployment and operation, with an emphasis on interaction with microservices.
- Migrated parts of the service that were initially written in C# to Golang, involving a comprehensive understanding of the existing codebase and requirements to ensure seamless functionality and integration.

Software Developer, SRS Business Solutions (India) Pvt. Ltd., October 2022-July 2023
Bengaluru, India
At SRS Consulting Inc., I work on three main projects with Cisco: Cisco LearningSpace, Cisco E Service Training, and Cisco U. My role focuses on using Golang and AWS to create advanced software, helping to improve each project with new and effective technology.

1. Migrated Learningspace Application: Cisco LearningSpace
- Solely responsible for transitioning the Learningspace application from Java to Golang.
- Achieved a significant boost in system performance and efficiency through the migration.
- Independently conducted a thorough analysis of project requirements.

2. REST API Development for Cisco U Platform: Cisco U
- Developed APIs for the Permission and Profile service, catering exclusively to the Cisco U Platform, including both front-end and service-to-service communication.
- Conducted comprehensive planning and testing of these APIs to ensure optimal functionality and integration within the Cisco U ecosystem.
- Implemented extensive table test cases using the Testify and Mocks packages, enhancing the reliability and performance of the APIs.
- Focused on creating efficient testing frameworks to validate API functionality, contributing to the overall quality of the Cisco U services.

3. Cisco E Service Training

Architected Serverless Transformation of EST Project:
- Successfully migrated the EST Project from a Java-based application with Liferay to a serverless architecture, addressing performance and security concerns.
- Architected a serverless solution, leveraging API Gateway and Lambda with Golang for efficient operations.
- Directly integrated API Gateway with DynamoDB, optimizing resource utilization and reducing costs significantly.
- Implemented AWS CloudFront to speed up content delivery, enhancing user experience.
- Adopted AWS S3 for reliable and scalable static content storage, improving performance and data handling.
- Implemented signed cookies with CloudFront for secure, authenticated access to content,

adding an extra security layer and personalized content delivery.

Data Migration and Security:

- Designed custom data migration scripts executed on Lambda to transfer data from RDS to DynamoDB, ensuring a seamless transition.
- Implemented AWS Secret Manager for secure secrets management, enhancing data protection.
- Migrated data from AWS EFS to S3 using DataSync service, ensuring data accessibility and efficient storage solutions.

CI/CD Optimization:

- Transitioned Jenkins to AWS Native CI/CD tools, reducing operational costs and streamlining the development pipeline.

Cost Reduction and Efficiency:

- Achieved a remarkable cost reduction of 90%, reducing expenses from $1000 to $100, by implementing serverless architecture.
- Played a key role in configuring and designing services to enhance efficiency and reduce operational overhead.

Full Stack Developer, SimSol Technologies And Services Private Limited, August 2019-September 2022
Mumbai, India

Web Application Development:

- Expertise in crafting sophisticated web applications using Golang and VueJS.
- Focus on robustness, scalability, and user experience.
- Reduced processing time from 4 hours to 10 seconds using multiprocessing.
- Developed MIS Report Microservice for creating business reports.
- Developed and deployed PAN Validation Microservice.
- Technologies: Go, Python, RabbitMQ, Docker.
- Proficient in AWS and Kubernetes for scalable, resilient cloud solutions.

RESTful API Design:

- Specialized in designing and implementing RESTful APIs for seamless frontend and backend integration.
- Emphasis on performance and reliability.

Co-Lending Application Project:

- Led the development of a high-performance Co-Lending application.
- Frontend: VueJS
- Backend: Go REST API
- Database: MongoDB & Oracle Database.
- Improved loan processing efficiency.

Team Development and Training:

- Mentored team members in latest technologies and methodologies.
- Ensured team's capability to meet project requirements effectively.

Stakeholder Management:

- Coordinated with multiple stakeholders, including bank officials.

- Ensured timely delivery of complex projects.

Code Quality Assurance:
- Ensured high standards in code quality through rigorous code reviews.

EDUCATION AND TRAINING

Bachelor of Science
Computer Science Engineering, Everest Education Society Group of Institutions, Aurangabad, India
August 2017

CONFERENCES ATTENDED

DevOpsDays Bengaluru 2023:
- Engaged in keynotes and workshops focused on DevOps practices and networking with industry experts. (October 20-21, 2023, Bengaluru)

WEBSITES, PORTFOLIOS, PROFILES

- LinkedIn :- https://www.linkedin.com/in/imyashkale/
- GitHub :- https://github.com/imyashkale
- Portfolio Website :- https://imyashkale.com
- Credly :- https://www.credly.com/users/imyashkale/badges

LANGUAGES

Marathi: First Language

Hindi: B2

Upper Intermediate (B2)

English: B2

Upper Intermediate (B2)