Saurabh Chavhan

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Profile Summary

Seasoned Senior Software Engineer, and Golang Developer with over 5 years of experience in cloud infrastructure, DevOps, SRE and backend development. Proficient in developing robust APIs using Golang frameworks such as Gin, Gorilla Mux, and Buffalo, and experienced in utilizing Testify for unit testing. Expert in designing and optimizing deployment pipelines, build and release architectures, and automating CI/CD workflows using Jenkins, GitHub, and Groovy. Skilled in managing cloud environments on AWS, including services such as EC2, S3, Lambda, Redis, EKS, ECR, VPC, IAM roles, Assume Roles, Security Groups, CloudWatch, and CloudTrail. Extensive experience with Kubernetes and OpenShift for container orchestration, as well as Terraform for infrastructure as code (IaC). Adept in monitoring and observability using Wavefront, Datadog, Zabbix, and Kibana, and experienced in Jenkins migrations, Datadog migrations, and automating infrastructure. Strong background in debugging with IntelliJ, resolving production issues, and driving system reliability. Familiar with Agile methodologies using Jira.

Technical Skills

- **Programming Language**
  Golang, Core JAVA ,Groovy
- **Other technologies and tools**
  Docker, Rest API, JSON, XML, MySQL, AWS, Linux, graphql, Zabbix, Datadog, Wavefront, Openshift, Kubernates, MacOS, windows, Postman, terraform

Experience

- **Persistent Systems**
  Nov 2024 - August 2025
  Engineering lead
  Client : Digital ocean **Role** : Golang Developer
  Experience:
    - Contributed to internal cloud service APIs written in Golang, supporting products like Droplets.
    - Resolved critical bug fixes related to inconsistent metadata propagation in compute provisioning workflows.
    - Refactored legacy REST handlers using Gin to improve response time and maintainability.
    - Optimized MySQL queries and indexing for high-traffic endpoints, reducing latency by.
    - Implemented automated Datadog alerts for service-level error spikes and DB connection pool usage.
    - Containerized microservices using Docker and managed deployments via Kubernetes.
    - Configured Jenkins pipelines to run parallel integration tests and rollback on failure

- **G10x India Private Limited**
  Feb 2024 - Nov 2024
  Senior Software Engineer
    - Migrated 100+ Golang and Java-based applications from AWS EC2 to Kubernetes, ensuring scalability, reliability, and optimized resource utilization.
    - Resolved migration challenges such as containerization issues, missing dependencies, service discovery failures, and Kubernetes networking misconfigurations.
    - Enhanced service stability by tuning Kubernetes manifests (resource limits, liveness/readiness probes, autoscaling) and debugging application-level issues in Golang and Java services.
    - Developed shared Jenkins pipeline libraries (Groovy) to provide reusable functions for build, test, and deployment stages, reducing duplication and standardizing CI/CD pipelines.
    - Integrated applications with Zabbix monitoring using custom exporters and metrics, enabling proactive issue detection and improved observability.

- **Secureworks India Private Limited**
  Oct 2020 - Jan 2024
  Software Engineer
  Experience:
  - Resolved major bugs for Golang based application "identity manager" used for user management.
  - Worked on writing vault service for Golang based web application for cert renewals.
  - Worked on vulnerabilities remediation for multiple Java libraries used in our services and application, addressing potential security risks.
  - Updated libraries, performed code refactoring, and resolved logical issues to enhance system security.
  - Designed and implemented required API for existing services.
  - Design monitoring and alerting solution for replication services (ETL) at Secureworks.
  - Utilized Datadog to create custom pipelines for extracting relevant metrics from ETL logs.
  - Led the creation and configuration of comprehensive Datadog alerts for all company services such as CPU usage, memory utilization, and pod restarts etc.
  - Analyzed daily security reports generated by a performance team, Identified root causes of failures and worked towards their resolution with relevant teams.
  - Managed the release process for internal java libraries, ensuring regular updates and version releases.
  - Collaborated with cross-functional teams to identify and resolve performance and reliability issues.

- **Novatech Softwares Private Limited**
  Feb 2020 - May 2020
  Software Developer Trainee
  Experience:
  - Worked on TopTeam (Requirement management system) product's backend development.
  - Integration of other Test management tool with topteam for better collaborations.
  - POC on Jira and Top team Integration.

- **Grab**
  July 2019 - Jan 2020
  Site Reliability Engineer intern(golang)
  Experience:
  - Collaborated with the SRE team, primarily working with Golang and Rest API services.
  - Developed API Wrappers with golang over Jira API to utilize Jira API according to team requirements.
  - Created a Golang-based application for synchronizing Jira projects across
  - different domains and instances to replicate the project data.
  - Responsible for supporting deployment process of company.

Education

Course / Degree	School / University	Grade / Score	Year
Master of Computer Application	Shri Ramdeobaba college (Nagpur University)	70%	2020
Bachelor of Science	Shivaji science college(Nagpur University)	64%	2018
HSC	Dr Ambedkar college	60 %	2015
SSC	Manvta high school	75 %	2012

Tools

- Jenkins, Jira, Bitbucket, Openshift, Confluence, Datadog, Wavefront

Certification

- Aws certified cloud Practioner
  Oracle cloud AI associate

Languages

- English, hindi, marathi