Sudhanshu Bawane

Sr. Software Engineer (Team Lead)

Versatile Senior Developer with 5+ years' expertise in diverse domains and functional programming. Proven track record leading teams and closing key partnerships with industry giants like NVIDIA and CISCO. Expertise in Golang, Python, GCP, Terraform, and AWS. Known for transforming UPI payment systems and implementing innovative risk-based pricing models. Eager to contribute dynamic leadership and technical skills to a forward-thinking organization.

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SKILLS

Golang Python GCP RabbitMQ Django Terraform AWS PostgreSQL Kubernetes Git Grafana ETL MongoDB

SOFT SKILLS

Team Leadership Business Negotiations System Design Risk and Vulnerability assessment Product/ Module Designing

WORK EXPERIENCE

Senior Development Engineer (Team Lead) - Golang/Python
Calsoft

02/2023 - Present
Achievements/Tasks

- Spearheaded CISCO and VMWare security integration using Golang, showcasing expertise in backend development.
- Led a 30+ member team across two projects, demonstrating strong leadership in GCP, Terraform, and AWS environments.
- Successfully closed pre-sales negotiations with industry leaders NVIDIA and CISCO.
- Ensured seamless task creation and monitoring, emphasizing technical proficiency in Git, Grafana, and ETL.
- Implemented a sumo-logic based solution for task automation directly from monitoring tools like Grafana to even auto-scheduling the AWS load balancing.

Founding Engineer (Sr. Software Engineer) - Golang
IDFC First Bank

11/2021 - 10/2022
Achievements/Tasks

- Designed and enhanced UPI payment systems, owning the credit module and implementing risk-based pricing models.
- Successfully led three teams in UPI, Insurance, and Demat, overseeing product-related issues and driving positive changes.
- Implemented cutting-edge risk-based pricing models, significantly boosting lending profitability.
- Documented and implemented robust risk assessments, mitigation strategies, and compliance activities.
- Revamped the infrastructure for Sole-Propitiatory businesses, addressing all product-related issues and driving system evolution.
- Pioneered the establishment of a new infrastructure tailored for Sole-Propitiatory businesses, utilizing Kubernetes, AWS, and databases (PostgreSQL). Managed product-related issues and system changes.
- Responsible for the creation of new tasks, work cards, and ensuring the uptime of all services and the entire CI-CD pipeline.

WORK EXPERIENCE

Grade 2 Software Engineer - Python
Xoriant

03/2021 - 10/2021

Achievements/Tasks

- Developed impactful terraform scripts for infrastructure deployment on GCP and AWS.
- Created a robust architecture for AWS, effectively mirroring infrastructure in GCP via terraform.
- Identified and resolved vulnerabilities in the GCP environment.
- Successfully managed applications across Kubernetes, AWS, and GCP.
- Implemented multi-threading, significantly improving throughput and reducing execution time.
- Designed and implemented a multi-threaded background task manager for automated volume snapshot creation and maintenance.

SDE 1
Sigmoid Analytics

10/2020 - 02/2021

Achievements/Tasks

- Orchestrated the migration of the entire system into Python executables.
- Built an API-driven publishing service handling 17 million page-views per month, operating at 94% cache efficiency.
- Deployed dockerized applications on kube clusters, streamlining the development process.
- Extended the build system to integrate with the mercurial sparse feature, addressing performance issues with large repositories.
- Rebuilt the mercurial sparse subsystem, transforming it into a user-friendly tool.

Associate Developer
Cognizant

07/2018 - 07/2020

Achievements/Tasks

- Spearheaded the optimization of the ETL layer in three projects, significantly enhancing data processing efficiency.
- Wrote Python pipeline scripts and created/modifed workflow jobs on MDM tools, automating processes.
- Developed match-link algorithms using STIBO MDM, ensuring accuracy in data relationships.
- Created an inbound processor for XML loads, reducing load time by 30%.
- Developed 17 business rules for various scenarios, automating entire processes.
- Created an outbound processor for hot folder linkage, improving overall system efficiency.

EDUCATION

Graduation
Government college of Engineering, Amravati

08/2014 - 07/2018

Courses

- Information Technology