GANESH KUMAR KATTAMURI

Senior Site Reliabilty Engineer ● +91 7760600477 ● ganeshk254@gmail.com

Resourceful and organized engineer with 8 years of experience guiding our teams to deliver the best digital services using cloud best practices. Building tools and services to allow application teams and others to self-service, and driving cross-team communications to ensure we ship stable and performant services.

Core - Sensu, Chef, Ruby, AWS, Cloud Foundry, InfluxDB, Elastic Search (ELK), Docker, Git, RedHat, Windows Server, SAP Cloud Platform, Troubleshooting, Self Service Tooling
Conversant - Terraform, Packer, Node, MacOS, HANA, BOSH, Jenkins, SQL Dialects, MongoDB, HTML/CSS, Adobe Creative Suite
Know - Python, Kubernetes, Shell Scripting, RabbitMQ, Redis, ABAP

WORK EXPERIENCE

SAP Big Data Services, SAP Labs India ⧉

Senior Site Reliability Engineer | Nov, 2017 - Current

SAP Big Data Service is a fully managed "bigdata without the swearing" offering featuring Hadoop,Spark, Hive, SAP Vora etc.

- Optimized our chef kitchen pipelines resulting in speed increases upto 300%.
- Optimized our colocation data centre and AWS usage, as a part of 2 member team,reducing the recurring monthly cost by 30%.
- Designed and co-automated the core service platform infrastructure creation using Terraform.
- Developed a pipeline to build consistent base machine images to be used across docker, vagrant, aws using packer.
- Parallelized and Stabilized the fleet build/recycle process automation, improved the preflight server verification.
- Built/Maintain customer hadoop clusters and various service cookbooks.
- Regular tasks like on-call, troubleshooting, monitoring improvements, documentation, security, incident post-mortems.

SAP Cloud Platform, SAP Labs India ⧉

Cross Team Fellowship | Jul, 2017 – Oct, 2017

SAP Cloud Platform is a business platform run by leveraging cloud native solutions like Cloud Foundry, BOSH. In the cross team fellowship, I worked with the nascent autoscaler service group to productionize their culture.

- Streamlined their development cycle and delivery using Concourse(CI tool like Jenkins)
- Made autoscaler service a multi availability zone(AZ) deployment to support Disaster Recovery.
- Created the metrics solution to support the dynamic scaling of the service using Grafana, InfluxDB
- Modified the service deployment to deliver the service on GCP, Azure in addition to AWS
- Helped with the necessary compliance, playbooks needed for go-live of the service.

SAP Mobile Services, SAP Labs India ⧉

DevOps Engineer | May, 2014 - Jun, 2017

SAP Cloud Platform Mobile Services help deliver enterprise-grade native and hybrid mobile apps securely. I was a member of the founding devops team.

- Fully designed and implemented an actionable monitoring framework for the product from ground-up based on Sensu.
- Fully designed and implemented a central infra & application metrics system using InfluxDB, Grafana leveraging existing landscape strengths.
- Created several self services and at-a-glance dashboards to remove bottlenecks, vastly improving dev productivity.
- Automated several service deployments using a combination of Chef, Ruby, Bash following the infrastructure as code paradigm.
- Ensured all SLAs are met and handled customer escalations on an on-call basis.
- Lent Devops expertise to other teams to track down performance/stability problems and maintained OS & application patching.
- Interact with & educate partners, customers, support and engineering on a regular basis.

SaaS Cloud Delivery, SAP Labs India ⚹

Release Engineer | Aug, 2011 - April, 2014

SAP Cloud Service offers full range of solutions for enterprise resource planning and

business management software.

- Implemented and maintained SAP Identity Management for SAP Business ByDesign Cloud Suite and SuccessFactors solutions, providing secure access infrastructure to more than ten thousand developers and partners of SAP.
- Developed a central portal for tracking system life cycle as part of a 2 member team, drastically reducing total operation costs.
- Automated analytic reports to improve visibility and trends of development efforts towards sprint delivery
- Planning, Delivery, Stabilization of landscapes for Business ByDesign, Cloud for Customer,Cloud for Travel and SuccessFactors.

Saha Software Solutions(Arka - IMS) ⚹

Internship | Jul, 2010 - Jan, 2010

Saha Software Solutions deals with software and embedded services for government and public

sector organizations in India.

- Worked on Remote Security Configuration and Alarm Messaging System for ATM machines.

EDUCATION

Birla Institute of Technology and Science ⚹

B.E.(Hons.) Computer Science | 2007 - 2011