



Sanjog Kumar Dash

DevOps Engineer



Personal Info

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Date of birth

1991-03-27

GitHub

<https://github.com/sanjog152>

LinkedIn

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



Skills

Python



PHP



Shell Script



Amazon Web Services



Kubernetes



Docker



Elasticsearch



Linux



Summary

Knowledgeable Devops Engineer skilled in programming, software development, devops and automation. Works well under pressure and consistently meets deadlines and targets while delivering high quality work.



Experience

SDE II

Tathastu

- Expertise in infra/app automation engineering.
- Expertise in IAC tools/ framework like terraform, ansible.
- Architect and developed one production level Kubernetes platform from scratch (Ubuntu/kubeadm/terraform) with logging, monitoring, CD, helm packaging and spinnaker.
- Automating and managing streaming / batch data platform stack like NiFi and Debezium.
- Strong incident management and troubleshooting skills.
- Well versed with CI tools like gitlab CI, jenkins and travis CI
- Well versed with CD tools like jenkins 2.0, spinnaker, ARGO CD.
- Strong knowledge in prometheus stack (prometheus, thanos, alert manager and grafana)
- Strong knowledge in graylog and ELK stack.

DevOps Engineer II

Swiggy

- Experienced in maintaining high traffic, complex infrastructure.
- Designed, developed and maintained high available micro service clusters to achieve minimum downtime and maximum outcome.
- Built Kubernetes platform with maximum automation. (0 downtime deployment, logging, monitoring, traffic shadowing, service mesh etc)
- Responsible for cloud cost management and developed one in-house cost analytics dashboard for maximum visibility and observability of our aws cost.
- Designed Volkh, one in-house tool to install production grade kubernetes clusters on demand on any platform (aws, GCP, baremetal)
- Developed fleet and flot, two inhouse CI/CD tools to deploy a large number of microservices to any environment(Dev, Staging, Pre-prod, prod) at scale.
- Good knowledge in CNCF tools like envoy, istio, ambassador, helm and telepresence
- Sound knowledge in Prometheus, Grafana, datadog, newrelic, sensu and ELK stack to implement logging and monitoring platform.
- Experienced in managing DDoS attack, production outages and capacity planning.
- Knowledge in redis, kafka, elasticsearch and jenkins.
- Good knowledge in Python and Shell script.

present

07-2017 -
12-2018

06-2016 -
07-2017

Software Engineer

Wizergos Software Solution Pvt Ltd

- Collaborated with developers to enhance supportability and identify performance bottlenecks.
- Aws resources compliance management using AWS config.
- Wrote automation scripts using Python , Php and Shell script to automate docker orchestration.
- Private Docker registry management, docker image creation and provisioning.
- Docker clustering and container fleet management using docker swarm and KV method.
- Continuous integration and continuous delivery setup using jenkins, python, docker and github.
- Automated data backup and data recovery system design.
- LINUX server administration and configuration using Ansible playbook.
- Onpremise debian package build automation using docker, shell script and python.
- Implemented centralized Docker containers monitoring system using Sensu client & server.
- Implemented Elastic stack for centralized log discovery and management.
- Elasticsearch installation, configuration and tuning.
- Apache2 and Nginx setup and tuning.
- Mysql administration and scaling.
- RabbitMQ management, mnesia database management for queue jobs.

08-2015 -
05-2016

Sr Software Developer

Browntape Technologies Pvt Ltd

- Led a team of Devops engineers to maximize operational efficiency of browntape cloud products.
- Responsible for scaling,security and performance enhancement of whole stack.
- Backend automation and new product architecture design.
- Amazon web services infrastructure management.
- Security assessment test and vulnerability fixing.
- Implemented CI / CD pipeline using python, git and jenkins for automated code deployment.
- Mysql server administration,scaling and management.
- Elastic(ElasticSearch / Logstash / Beats / Kibana) stack administration,management and scaling.
- Elasticsearch data modeling and scaling
- HHVM PHP Server Administration, tuning and scaling.
- Nginx Administration and Configuration.
- implemented Nagios core and client to monitor non AWS servers.
- Installation and configuration of gerrit and jenkins for automated code review with continuous integration.

11-2013 -
06-2015

Freelance Software Developer

Freelance

- Evaluated multiple software solutions during early software architecture plotting and system migration planning stage.
- Built, tested and deployed scalable, highly available and modular software products.

- E commerce and custom cloud based application development using Laravel, Codeigniter, Magento and Cakephp for SME clients from EU and US region.
- Consulted existing application migration process to amazon web services and digital ocean cloud and developed related automation eco-system for CI/CD and log management.

03-2013 -
10-2013



PHP Developer

Arcweb Designing LLP

- Designed and developed number of web applications using Codeigniter, laravel and cakephp.
- Built databases and table structures following n-tier architecture methodology for web applications.
- Modified existing software to correct errors, adapt to new infrastructure and improve performance.
- Worked closely with clients to establish problem specifications and system designs.
- Performed regression and system-level testing to verify software quality and function before it was released.



Education

2008 -
2012



Btech, Centurion Institute of Technology

- Graduated with 7.56 CGPA

2006 -
2008



10+2, Nayagarh Junior College

- Passed this course with 62% mark

2005 -
2006



HSC, Bahadajhola High School

- Passed this course with 77% mark



References



- References available upon request.



Interests



- Backpacking tours with friends and exploring new places.



- Open source contribution and answering questions on Quora and stackoverflow.



- Writing blogs on quora.