

NAME

Prabuddha Chakraborty - a container enthusiast. Software engineer & Problem-Solver.

SYNOPSIS

[--system administrator] [--developer]

SUMMARY

I'm a Software Engineer with skills on building scalable and distributed applications on cloud. I'm familiar with, and a huge supporter of, the DevOps culture and how to make it work with a large team in a fast-paced environment.

Working with team of highly skilled software engineers, we are developing Next-Gen Realtime Analytical Metric Store, Ingestion and API Gateway services scalable to process Billions of request per minutes.

OPTIONS**-- systems administrator**

Experienced with configuration management and cluster provisioning tools such as Helm, Terraform, CloudFormation, Chef and Ansible.

Set up efficient monitoring infrastructure with ELK, CloudWatch, Data Dog, Prometheus, PagerDuty .. etc.

Set up vital SaaS infrastructure components, including Kubernetes clusters, CI/CD Pipelines, Centralized Logging Infrastructure, traffic mirroring, ...etc

Implemented cost efficient log aggregation solution to store terabytes of application logs per day. *Built over AWS Athena and S3.*

Implemented Industry Standard Security Solution as per HIPAA/HITRUST/SOC2 compliances in the organization.

-- developer

Currently focused on Java, Golang and Python for application development, but able to work with other languages as well if needed. Major Internal projects contributed to:

- **API Gateway**
Built on the top of Kong, Redis and Lua. Writing custom plugin to route traffic to backend cluster. Manages Auth and Traffic split/routing. Did POC with other technology as well.
- **Event-IO**
Process Business Transaction Events. Built on the top of Elasticsearch, Apache Kafka, and spring-boot based application. Capable of processing Millions of requests per minute.
- **Kubernetes Operator to Manage Multiple Services.**
Built with operator-framework. Manages Druid Cluster and S3 bucket policy with CRD.
- **SOC2 Security Compliance Automation.**
Built with Python. Contains several security compliance scripts managing and automating organizations infrastructure to detect vulnerabilities and compliance violation. Developed for HITRUST Compliance.
- **Monitoring Rails application performance metric**
Built with Rails Active Support Instrumentation Hooks. Gather performance metric of the applications DB transaction. Visualized in Kibana.
- **EasyEngine (<https://github.com/EasyEngine/easyengine>)**
Former Lead Developer and contributor of this Project in Python. Forked version of the Python Source code can be found here - <https://github.com/iam404/easyengine-py>.

HISTORY

* Cisco Systems (India) Private Limited (April, 2019 - Present)

- DevOps Engineer II

Roles :-

1. Support rotational on-call for production environment.
2. Part of team responsible for designing next-gen metric store.
3. Part of team responsible for developing API Gateway service.
4. Part of team responsible for managing data ingestion service in Production.
5. Part of team responsible for creating guidelines for k8s ecosystem and CI/CD.

* WebShar (India) Pvt ltd (Nov, 2016 - Present)

- Senior DevOps Engineer

Clientele:

1. Health Fidelity, Inc. - USA, CA

Roles :-

1. Design Solution to support Infrastructure over AWS
2. Developed applications to support Event and Logging distributed system.
3. Develop solution to cover Analytics use cases in organization.
4. Part of Blue Team to ensure security.

* rtCamp Solution Pvt ltd (Jan, 2015 - Nov, 2016)

- Team lead (EasyEngine) (3 month)

- Linux System Administrator (1 year 4 months.)

- Automation Quality Assurance Tester (6 months)

Roles :-

1. Lead Product Development and Releases of Core Product - EasyEngine.
2. Manage Infrastructure of Clients.

EDUCATION

* University of Pune (April 2014)

- B.E (Electronics and Telecommunication Engineering)

- D.Y.P College of Engineering, Akurdi, Pune (Now DYP International University)

- First Class with 60%

* XII from Hindi Higher Secondary School (CBSE) (2009)

* X from BTVM (CBSE) (2007)

SEE ALSO

* E-mail: prabuddha.nike13@gmail.com

* Phone: (+91) 9096145085

* GitHub: <https://github.com/iam404>

* Website: <https://prabuddha.me>

* LinkedIn: www.linkedin.com/in/prabuddha90

* Stack Overflow: <https://stackoverflow.com/users/4293543/prabuddha-chakraborty> * Present
Address: Bangalore, IN.