

Milan Thapa

thapakazi^, linuxaddict, emacs aficionado

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involvements

- jobs:
 - present:** PM, Networking & Security Expert, System Admin(DevOps) @Enliv IT^
 - past:** ~5 yrs of work experience as devops engineer @cloudactory.com^
- academic: B.E. in Computer Engineering from Kathmandu University^

in gist I love

- to **automate** all the things #lazyme
- knowledge **sharing** the easiest way possible
 - documentation (blogs, wikis, irc, slack, youtube)
 - transparent communication via project management tools (in github/trello)
- **instrumentation** & graphing on business/machine metrics/stats
- enhancing development workflow amalgamating prudent efforts and tools
- **implementing best practices** for operational & development excellence

ops works I love to do

Automation || ops tasks like:

- AWS-EC2 **autoscaling** based on primitive check metrics
- HA (replica/failover) for production services like: MongoDB, Redis, RabbitMQ
- Security is a **F-word**. First, Foremost, Fundamental & Forever requirement.
- Pull out hardcoded secrets/credentials in code into ENVIRONMENT variables :)

Semi-automated stuffs

- Literate devops practices via my favourite editor: EMACS
- AWS resources management (S3buckets, IAM, Route53)
- SSL deployments {webserver, dbservers, rabbitmq}

skills

	proficiency	knows
automation	ansible, capistrano	
aws	EC2, S3, IAM, VPC	R53, RDS, Elasticache
languages	sh, golang <3, ruby	js, solidity, python, c
scm	git	
monitoring	prometheus, sensu, newrelic	newrelic, nagios
build	make, jenkins	gitlab ci/cd
containers	docker-compose (<i>fair</i>)	kubernetes
database	mongodb, postgresql (<i>ops</i>)	mysql, redis, percona tools
blockchain	truffle	ethereum: SmartContracts
typeset	org-mode	latex
editor	emacs	vim, nano
system	archlinux	debains
language	Nepali, English	Hindi

good old memories

- Hackathon victories
 - 2015**, Team Lipi^ #tourism Ncell App Challenges
 - 2016**, Team Haude #osm2threejs^ **Leapfrog Hackathon**
- Some open-source workouts:
 - 2016**, got my 1st commit in ansible^, though it be docs
 - 2015**, got a pull request accepted on sensu-plugin^ for machine memory checks
- Non silicon valley challenges:
 - 2013**, Invigilator in poll-booth for country's constitution election

free time engagements

- playing futsal, guitar strumming, kickboxing
- puttering hardware for fun
 - raspberri-pi (used mostly as mpd,alarmclocks,file-sharing, staging tests)
 - playing with arduino dream_{project}^
- #recent tinkering with blockchain and its applications