

Milan Thapa

thapakazi^, linuxaddict, emacs aficionado

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involvements

- **jobs:** Developer-Manager, devops Engineer @WhiteHatEngineering^ (*current*)
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 blending 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 requirement.
- Pull out hardcoded secrets/credentials in code into ENVIRONMENT variables :)
- Build easy deployment pipeline via CI/CD

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
aws	EC2, S3, IAM, VPC	R53, RDS, Elasticache
languages	sh, go lang <3, ruby	js, solidity, python, c
automation	ansible, capistrano	
scm	git	
containers	docker-compose (<i>fair</i>)	kubernetes
monitoring	prometheus, sensu	newrelic, nagios
build	make, jenkins	gitlab ci/cd
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, strumming guitar, kickboxing, marathon
- puttering hardware for fun
 - raspberri-pi (used mostly as mpd,alarmclocks,file-sharing, staging tests)
 - playing with arduino dream_{project}^
- #recent tinkering with go lang, build simple stupid stuffs{sync-music,easyssh-go,bots}