

Kumar Damani

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(Last updated July 12, 2024)

Basic Info



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kumardamani.net

gitlab.com/kdam0

- Proficiency in Unix based operating systems and deep appreciation of GNU/Linux core principles.
- Building on-prem clouds to cut public-cloud costs when it makes sense.
- Deploying high-availability systems such as databases, distributed file-systems, and Kubernetes, packaged alongside monitoring and alerting using battle-tested tooling. - all managed using Infrastructure as Code (IaC).
- Experience developing infrastructure in revenue-sensitive production environments that demand minimal-downtime changes, and careful change-management.
- Coming from a SWE background, I'm familiar with common pain points within Eng. teams, and have successfully tackled these points at various places to maximize the value of dev time. Eg. CI/CD, release-management etc.
- Developing custom tooling when off-the-shelf tooling is not enough.
- Successful at doing project hand-offs to Eng. teams such that teams are able to self-serve and adopt DevOps principles into their processes.
- Experience with on-call rotations.

Hobbies

Self-hosting, scripting, free (libre) software, distro-hopping, learning, linguistics, nba, survivalism, cybernetics, jui-jitsu, memes.

References

Email me  with your interests in me and I'll refer you to someone who can vouch for me or defame me, depending on what you want.

Experience

2020 - Now	Platform Infra. - Tech. Lead <i>Kepler Communications</i> , Toronto Sample: visit my site for more info. 
2019 - 2020	DevOps Engineer <i>AcuityAds Inc.</i> , Toronto Sample: visit my site for links to samples. 
2019	Full Stack Engineering Lead <i>University of Toronto - UN's Sustainable Development Goals Project</i> , visit my site for more info.  Sample: Project Page
2017	Full Stack Engineer <i>Achiga (formerly WebCanada)</i> , Toronto Sample: Design Hotels Gallery Page

Languages / Technologies I Use

Programming:	Python, JavaScript, Go, C, Java, PHP
Scripting:	Python, Go, Bash, R
IaC:	Ansible, Terraform, Nix, Vagrant
Networking:	Arista, Mikrotik, Unifi
Containerization:	Kubernetes, Docker, Podman
Virtualization:	Proxmox, VMWare, Virtualbox
CI/CD:	Gitlab, Awx, Rundeck, k8s, Jenkins
Monitoring:	Prometheus, InfluxDB, Elasticsearch, Grafana, Kibana
Alerting:	Grafana, Nagios, Slack/Teams, Pager-Duty, Pingdom
Querying:	PromQL, InfluxQL, Query DSL, SQL
Stacks:	Django, TICK , ELK , MEAN , MERN , LAMP
Mobile:	React-Native, Expo

Institutions

2019	B.Sc. in Computer Science (w "focus" in Natural Language Processing) <i>University of Toronto</i> , Toronto
2021	ITIL 4 Foundation <i>Axelos</i> , UK