

# Kumar Damani

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## Basic Info



[me@kumardamani.net](mailto:me@kumardamani.net)

[kumardamani.net](http://kumardamani.net)

[gitlab.com/kdam0](https://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

|        |                                                                                                                                                                                                                                                                           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20-Now | <b>Platform Infra. - Tech. Lead</b><br><i>Kepler Communications, Toronto</i><br>Sample: <a href="#">visit my site for more info.</a>                                                   |
| 19-20  | <b>DevOps Engineer</b><br><i>AcuityAds Inc., Toronto</i><br>Sample: <a href="#">visit my site for links to samples.</a>                                                                |
| 19     | <b>Full Stack Engineering Lead</b><br><i>University of Toronto - UN's Sustainable Development Goals Project, visit my site for more info.</i> <br>Sample: <a href="#">Project Page</a> |
| 17     | <b>Full Stack Engineer</b><br><i>Achiga (formerly WebCanada), Toronto</i><br>Sample: <a href="#">Design Hotels Gallery Page</a>                                                                                                                                           |

## 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, <a href="#">TICK</a> , <a href="#">ELK</a> , <a href="#">MEAN</a> , <a href="#">MERN</a> , <a href="#">LAMP</a> |
| Mobile:           | React-Native, Expo                                                                                                      |

## Institutions

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