


Kumar Damani

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Basic Info


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- Proficiency in Unix based operating systems and deep appreciation of GNU/Linux core principles.
- Production experience in 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).
- Coming from a SWE background into DevOps, I am very familiar with common pain points within Eng. teams, and how DevOps offers solutions to these problems ensuring that dev time is spent doing dev things.
- My programming background gives me in an advantage in the "Dev" side of things whether it involves developing custom tooling using full-stack frameworks, when off-the-shelf tooling is not enough; or writing complex scripts involving many connecting parts. Check out [my site](#) for links to examples.
- Self-motivated to further my skills by taking additional courses in my personal time. I have done technical training for Elasticsearch, k8s, Golang (to name a few), as well as management/processes training with ITIL, and have successfully applied this knowledge in my position.
- Trusted by my team to carry out POCs (proof-of-concepts), to evaluate the value and fit of new tech.
- Successful at doing project hand-offs to Eng. teams such that teams are able to self-serve and adopt DevOps principles into their processes.
- Real world 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

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| Now | DevOps - IC3 <i>Kepler Communications</i> , Toronto Sample: visit my site for more info.  |
| 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.  |
| 2017 | Full Stack Engineer <i>Achiga (formerly WebCanada)</i> , Toronto Sample: Design Hotels Gallery Page |

Languages / Technologies I Use

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|-------------------|---|
| Programming: | Python, JavaScript, Go, C, Java, PHP |
| Scripting: | Python, Go, Bash, R |
| IaC: | Ansible, Terraform, Vagrant |
| Networking: | Mikrotik, Unifi |
| Containerization: | Kubernetes (k8s), Docker, docker-compose |
| Virtualization: | Packer, KVM, Vagrant, VMWare, VBox |
| CI/CD: | Gitlab, Awx, Rundeck, k8s, Bamboo, 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

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| 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 |