Colin Campbell

Engineering Lead
Toronto, CANADA

Resume

A dynamic full stack software professional available to make an immediate impact on any project or development team. * Design & build application architecture * Promote Engineering best practices

Employment History:

Engineering Manager, TUCOWS *// 2015 - present*

- Dedicated leader of 2 cross functional engineering teams with a total or 8 direct reports
- Managed design & development team for *Remootify*, an event scheduling service, that is successfully being used by key Tucows lines of business such as *Hover* and *Ting Mobile*.
- Shipped *Barndoor*, an api gateway implementation for *Tucows/Dish* collaboration that manages ingress and distributes it to internal microservices.
- Champion of *common infrastructure* project that provides Tucows engineering teams with simple and reusable infrastructure as code solutions to common architecture problems with terraform and salt.
- Lead on *Project Hoofprint* (blueprint) which laid the groundwork for the widespread adoption of distributed miroservice architecture at Tucows across all lines of business.
- Launched *Whois Publicity* feature on domains platform to proactively mitigate any lost revenue caused by GDPR rule changes to *Whois Privacy*.
- Delivered key frontend components for GDPR readiness including tieredaccess.com and RDAP admin tool.
- Influenced internal process changes to ci/cd pipelines that are now widely accepted across the entire company.
- Provided improvements to aging solr implementation.
- Lead a team through the design and development of a domain admin application that showcased a new frontend stack featuring React/Flux, which later evolved to vuejs/vuext and is now the basis for modern UI work at Tucows.
- Contributed to OpenSRS Domain Platform shim that allowed Tucows to ingest 1.5 million domains from MelbourneIT acquisition.
- Collaborated with Automattic/Wordpress team on an OpenSRS Domains Platform integration that led Tucows to acquire wordpress.com domain registrations from GoDaddy.

Senior Software Developer, FIRE ENGINE RED *// 2012 - 2015*

- Trusted individual contributor on engineering team committed to keeping America's colleges and universities stocked with fresh minds.
- Implemented admission and alumni search solution to flagship CRM product, leveraging apache solr to deliver instant search results on multiple user data points for (near) real time decision making.
- Provided guidance and leadership on testing & refactoring of legacy codebase.

Senior Software Developer, MEDICAL PHARMACIES *// 2003 - 2012*

- Technical Lead on a small team of engineers(3) dedicated to improving patient outcomes.

- First to market on innovative mobile pharmacy interaction tools.
- Delivered a patient aware drug inventory system servicing thousands of beds that drastically reduced medication errors and pharmacy waste.
- Implemented a highly available data warehouse solution across 30+ retail locations, providing the organization with much needed business and patient care insights.

Notable Skills:

- Team Building, Leadership, Mentoring
- Programming, Architecture, Design
- CI/CD, Testing, Automation

Technology

- Python, Javascript, Perl, PHP, C
- React + Flux, Vuejs + Vuext
- Kafka, Redis, PostgreSQL, MySQL
- Docker, Nomad, Consul, Vault, Kubernetes
- Elasticsearch, Kibana, Fluentd, Prometheus, Grafana

Education:

Seneca College of Applied Arts and Technology *// 1999 - 2002*

- Computer Programming and Analysis Diploma
- Applications Developer specialization
- Internet Specialist specialization

Interests:

- Captain of my "D" league championship hockey team
- Guitar player extraordinaire
- Lifelong vimrc tinkerer

Contact

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- in https://linkedin.com/in/colincode
- ⌗ https://github.com/ccmpb

References supplied on request.