

Skills

Languages: JavaScript, HTML/CSS, Python, Swift, Scala, PHP, C/C++

Technologies: Node.js, Angular.js, React, MongoDB, SQL, Django, iOS, Linux/Unix.

Work Experience

Software Developer at Polar (Toronto)

May 2015 – Aug. 2015

- Worked on features involving all components of the stack, such as the database schema, several backend APIs, the Django-based web portal, and an iOS SDK.
- Recognized internally numerous times for being quick to identify, debug and fix issues arising in prod.
- Prototyped proposed features in internal hack days and won - twice.
- Took responsibility and pushed a hotfix release out to production when tech lead was on vacation.

Junior Developer at OpenText (Waterloo, ON)

Jun. 2014 – Aug. 2014

- Created the front and back-end of multiple web apps, including a web-based dictionary, and a bingo app.
- Handled development deployments of Node.js apps on Ubuntu servers.
- Added document collaboration features to Core, a web-based document sharing cloud.

QA Engineer at Canonical (Worked remotely)

Nov. 2011 – Oct. 2012

- Tested upcoming releases of the Ubuntu Unity desktop shell, and reviewed incoming bug reports.
- Developed bug fixes in C++ for Unity and related sub-projects.

Other technical work

Ubuntu/Debian – Community Developer

Sept. 2010 – Present

- Made over 30 package uploads for bug fixes and new upstream releases.
- Added new features to the Ubuntu Unity desktop shell, such as app-specific options in the launcher icon right-click menu, and display of download/install progress over icons of apps being installed.
- Led an initiative called the “One Hundred Papercuts project” to identify and fix bugs in user-facing apps.
- Maintainer of package liboauth on both Debian and Ubuntu since 2010. Preinstalled on Ubuntu systems since 2012.

Enactus Waterloo - Tech lead and webmaster

Sept. 2014 - Present

- Developed club website quickly using Django and Bootstrap, and deployed it on AWS.

Engineering Society - Workshop director

Sept. 2015

- Led a 2-hour introductory workshop on databases and SQL that was attended by around 100 people.

Project Gardiner – Developer

Dec. 2014 - Present

- Personal side-project, currently under development.
- Built RESTful backend in Node.js for data storage and syncing.

Education

University of Waterloo, Software Engineering (BSE)

2014 – 2019 (Expected)

- Dean’s honours list recipient in 1A as well as in 1B, with a 4.0 GPA.