Patrick Billodeau

# Overview

I’m a Linux nerd. I use Arch and Ubuntu personally but manage several production servers with Debian and Ubuntu. I (usually) enjoy working with the NodeJS ecosystem, and have led the development of many different React-Redux SPAs. In general, I like to be constantly learning new tools and languages to solve new problems. I take ownership in my projects, and love making complicated things simple.

# Experience

### M State - July 2016 - Present

Front-end Developer (Information Technology Spec 3)

* Official title is *very* misleading
* Lead developer for college’s new front-facing website. Everything from the theme to the custom back-end code. (Drupal 8)
* Led transition from bare-metal servers to VM servers. This also included an upgrade from PHP 5 to PHP 7.
* Led the development of several front-end applications using React and Redux.
* Update, backup, and monitor production servers.
* “Dockerized” all applications for easy dev environment setups.
* Orchestrated continuous integration system for web applications using Jenkins.

### Clifton Labs - May 2014 - July 2016

Systems Engineer

* Developed VOIP embedded systems for devices that interfaced with various types of radios.
* Setup a continuous integration system for web applications using Jenkins.
* Managed local continuous integration servers that combined many different micro-services.

### North Dakota State University - August 2011 - May 2014

Teaching Assistant

* Led and directed ~25 students in 2-hour physics labs.

### 81 Designs (now Codelation) - February 2013 - August 2013

Web Intern

* Helped develop many types of WordPress sites for external customers.

# Education

North Dakota State University - August 2010 - May 2014

* B.S. Electrical Engineering
* GPA: 3.95