# James Sumners

Specialties: JavaScript, Linux  
*A software engineer with a background in Linux administration*

## Experience

**Knock**

*Software Engineer, May 2018 – Present*

I am a backend systems software engineer specializing in Node.js based development. In this position I:

* Build and maintain the frameworks our backend services are built upon
* Work with project manager, designers, and frontend engineers to build products to solve business needs
* Stay abreast of changes in our technology stack to keep us updated with the latest security updates
* Provide guidance to our devops for the requirements our backend systems need for deployment

**Clayton State University (Technology Infrastructure)**

*Linux System Administrator, November 2014 – April 2018*

I was the lead system administrator for all Linux systems used by Clayton State University. In this position, some of my various duties included:

* Implementing SSL termination and load balancing for campus websites using HAProxy and UCarp
* Primary administrator for all Linux based servers (50+)
* Maintained and packaged Red Hat RPMs
* Setup and administered Red Hat Satellite
* Used Ansible to manage configuration
* Developed campus student web portal

**Clayton State University (Enterprise Applications)**

*Database Developer/Linux Administrator, March 2009 - November 2014*

In this position I was a web developer, database developer, and Linux system administrator. Some of my accomplishments in this position include:

* Developed a replacement SSO connector for Ellucian’s Luminis 4 web portal
* Wrote and maintained Oracle PL/SQL packages to facilitate backend operations, e.g. scheduled emails with inline attachments and data integration between systems
* Maintained all Linux systems powering the campus Student Information System (Banner)
* Developed a two-factor authentication add-on for the campus’s Luminis 4 implementation
* Developed REST based web APIs for data integration between systems like the Student Information System and the campus web portal

**Platypus Web Productions**

*Lead Web Developer, April 2009 – December 2009*

*Platypus Web Productions* was a short lived independent web design and development firm established by me and a partner. In my role as the web developer I:

* Developed a simple PHP templating engine for use in client projects
* Worked with the lead designer to devise workable web site designs
* Implemented web site designs from lead designer in PHP, HTML, and CSS
* Implemented dynamic functionality of designs using JavaScript and jQuery

**Sumners Blueberry Farms**

*Treasurer & Secretary, March 2007 – August 2009*

*Sumners Blueberry Farms* is a family operated corporation based in South Haven, Michigan. During my tenure as Treasurer and Secretary I:

* Maintained corporate accounting using the GNUCash finance software
* Tracked production using OpenOffice Calc spreadsheets
* Generated reports using OpenOffice Calc and Writer
* Communicated with third parties via phone, letters, and in-person meetings

## Skill Set Summary

|  |  |  |
| --- | --- | --- |
| Ansible | Apache Tomcat | CSS |
| Effective Communication | HAProxy | HTML |
| Java | JavaScript | jQuery |
| Linux | Maven | MongoDB |
| MySql | nginx | Node.js |
| Oracle 11g/12c | PL/SQL | PostgreSQL |
| Python | Spring 3/4 |  |

## Education

2008

**B.Sc., Mathematics**; Clayton State University (Morrow, GA)

## References

*Available upon request*

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