**Corey Bobco**

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[coreybob.co](http://coreybob.co/) | [github.com/coreybobco](http://github.com/coreybobco)

**Full-Stack Web Application Developer**

*Relational Databases, Natural Language Processing, Amazon Web Services*

* **Two years of professional experience as a developer** operating in an agile team-based environment writing code as well as technical requirements and design specifications
* **Have written peer-reviewed code and interfaces** for both **LAMP** stack and server-side Javascript/Python applications utilizing frameworks such as **Zend, Angular, Flask, & Django**.
* **Expertise writing MySQL and Sqlite queries and designing new tables for features.**
* **Decade-long Linux user** with experience initializing and maintaining **AWS (EC2, S3)** instances and **Ubuntu / Red Hat** based machines for production.
* **NLP projects using Python’s NLTK library** include [news article tagger](https://github.com/coreybobco/tx_tribune_nltk_article_tagger) for Texas Tribune articles and a Markov-chain based [text generator](http://coreybob.co/" \l "/mutagen) using Project Gutenberg’s API to semi-intelligently mine books for optimal sentences before randomly generating text

**Technical Skills**

* Javascript: Grunt, Gulp, Node, Bower, Angular, JQuery, Nginx, Fusioncharts API, Mootools
* PHP: Zend, Composer, PHPExcel5, Smarty templates, Apache, LAMP stack
* Python: Flask, Django, Selenium, NLTK, Gutenberg API, Jinja templates
* CSS3, Sass, Less, Bootstrap, Font Awesome, Responsive Design
* MySQL, Sqlite3, PostgreSQL databases
* Text Editors: Sublime, Webstorm, Pycharm, Netbeans
* OS’s: Ubuntu-based, Red Hat-based, Arch Linux; bash scripts
* Internationalization: Google Translator Toolkit, writing/reading PO files
* Git, Subversion, Slack, Confluence

**Professional Experience**

**Software Engineer** – August 2014 to June 2016 – Social Solutions Global, Austin,TX

Designed and developed new features and maintained codebase for SaaS case management application with PHP/Zend/MySQL backend used for data entry, reports and data visualization, grant applications, and imports and exports of data to and from CSV and Excel files.

***Achievement Highlights:***

* Developed toolkit and UI compatible with Google Translator Toolkit to internationalize our application, which included writing scripts to parse and modify our entire codebase to collect and auto-translate text from templates and dynamically generated notifications.
* Rewrote data export tool to use PHPExcel5's libraries for wider Excel data style and XLSX file extension support.
* Optimized slow areas of application by implementing pagination and scrolling to limit scope of initial database queries and rendering.

**Data Analyst** – April 2013 to December 2013 – Hewlett-Packard, Houston, TX

Data mined large volumes of information to identify trending issues with server hardware and technician repair steps.

***Achievement Highlights:***

* Translated phone and email transcripts of HP server technicians from major world languages to English and summarized pertinent technical info from log files of broken servers to assess likely faults and assess the efficacy of troubleshooting steps and hardware replacements.
* Mentored new employees, created training documentation, and tested functionality of developmental software, logging defects.

**Writing Consultant** – March 2010 to March 2011 – University of Texas, Austin, TX

Helped students improve clarity, organization, and use of citations in research papers and lab

reports.

**Education**

**Bachelor of Arts in English,** August 2014

The University of Texas at Austin