

Jake Gaylor

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Objective

Seeking full-time opportunities developing distributed systems and web/mobile applications.

Summary

- Five years of experience as a full stack engineer.
- Built production web applications using languages and frameworks including Node.js, Meteor.js, express.js, Coffeescript, Python, Flask, and Django.
- Developed a continuous integration/delivery pipeline in which all the components of a distributed system were built, tested, and deployed when the source code changes.

Work Experience

Technical Coordinator @ Mississippi State University

June 2010 – June 2014

Worked as the lead programmer and coordinator of projects at the Social Science Research Center's Innovative Data Laboratory. Responsible for system/database architecture, application development, user experience and algorithm implementation on various web-applications.

Social Media Tracking and Analysis System (SMTAS): A system to collect, analyze, and visualize social media data for researchers to gain valuable insights into public opinion, views and fluidity.

- Built as a distributed system of taggers, data stores, and worker pools
- Highly Available Infrastructure hosted on a public cloud
- SaaS tool to provide researchers access to data without a programmer on staff.

Employee Management System: A web application designed for a survey laboratory's call center.

- Built using Meteor and deployed as a node.js app on a public cloud. Served using an nginx proxy.
- Touch-screen web-interface

Technical Co-Founder @ NestedData

May 2013 - Current

Tracer (May 2013-April 2014): A tool for investigators to collect social media data from any public account(s).

SocialDrizzle (April 2014-Current): A startup venture for providing social engagement to the patrons of public events.

Open Source Experience jhgaylor@github

Statbot: A chat bot and web tools for League of Legends

Django-blogger: A reusable Django app for blogging intended for one or more contributors. The purpose of this project is to create a basic, but feature complete, blogging platform for Django v1.4.

- RESTful API and RSS feed integration
- Custom theming engine
- Tagging support and archives
- Internationalization and comment support

"Deploy a Meteor application with Vagrant and Chef": A write up and sample repository of the boilerplate required to deploy a Meteor application using Vagrant and Chef.

Elophant api wrapper: A client for the elopphant api in python using requests

TLD.R.io api wrapper: A client for the tldr.io api in python using requests.

Sublime-django-snippets: Generic code blocks for Sublime Text 2+

Lolhubot: A fork of github/hubot for use with the Riot Games Jabber server.

Hubot-cashbrain: A brain for github/hubot that has a time based cache mechanism. Primary use is to store HTTP response bodies for consumption by multiple chat commands.

Education

Mississippi School for Math and Science

Graduated 2009

GPA: 3.5

Skills

Languages: ECMAScript 3, 5 and 6, Node.js, Coffeescript, Python, HTML5, CSS, LESS, SASS

Frameworks: Django, Meteor.js, Express.js, Flask, jQuery, Underscore.js, HighCharts, Twitter Bootstrap

Databases: MySQL, PostgreSQL, MongoDB, Redis

Infrastructure/Automation: Docker, Jenkins, Ansible, Chef, Vagrant, DigitalOcean

Miscellaneous: git, github, Grunt, Celery