

Mike Johnson Jr

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WORK EXPERIENCE

Founder and CTO Datafix.io – Arlington, TX – November 2018 to present

Tasks: Created CRUD system for social data preprocessing and sharing, created data visualization wizard for uploaded datasets, created messaging system, payment processing system, search engine, and more. Wrote wikipedia crawler to populate database with interesting datasets

Tech used: Python/Django, PostgreSQL, Javascript/Jquery, Leaflet, OpenStreetMap, Highcharts, HTML.CSS, Heroku, Git

Software Consultant Droply (now BountyDrops) – Norway – May 2018 to November 2018

Created Telegram bot to interact with Droply users on Telegram. Created backend for droply, complete with email notifications, platform notifications, CRUD system for airdrops (cryptocurrency giveaways initiated by creators of cryptocurrency), admin interface. Created REST api for bot to interact with (scheduling airdrops, adding users to Airdrop groups on Telegram, removing users from airdrops)

Tech used: Python/Django, Celery, PostgreSQL, Javascript/Jquery, HTML/CSS, Telegram Bot API, Telegram Client API, Heroku, DigitalOcean, Git, Websocket

Software Consultant Project Inertia (Inertia Systems) – San Diego, CA – April 2018 to present

Tasks: Create admin-facing UI for construction projects. Communicate with Autodesk API to upload, convert (to binary files readable by project viewer), and download construction project files to server.

Tech used: Node.js, Vanilla JS

Software Consultant Insite Interactive – Dallas, TX – July 2017 to October 2017

Tasks: Extended internal web application for UT Southwestern with Python/Django (created new database with new schema and new relations/tables/fields using their existing data), modified existing front ends/admin front ends for other clients using CMS's

Tech used: Python/Django, PostgreSQL, Javascript/Jquery, PHP, HTML/CSS, Bootstrap, Git, Vagrant/Virtualbox, TDD, Drupal, Wagtail, Wordpress,

Clients: UT Southwestern, Epiduoforte, Landfirstny, CollegeAuditionCoach

Software Consultant Gainsta – Scotland, UK – December 2016 to January 2017

Tasks: Built an automated social media presence amplifier. Features include automated following, liking, and commenting on users' Instagram posts using a user-friendly user interface and secure login system, complete with real-time notifications and clearly defined UI controls.

Tech used: Python/Django, PostgreSQL, Javascript/Jquery, AWS (EC2, S3, RDS), Instagram API, HTML/CSS, Bootstrap, Git, custom built REST API

Software Consultant Commerce Gardens – Austin, TX – March 2016 to August 2016

Tasks: Rewrote reviews and voting systems(front end and backend) and worked on automatic and scheduled transactional emailing of customers for client Larue Tactical.

Tech used: Python/Django, PostgreSQL, Javascript/Jquery, Celery, memcached, Vagrant

Clients: Larue Tactical

Software Consultant Leaseful – Dallas, TX – May 2015 to October 2015

Tasks: Built a full-service automated subleasing brokerage system as a web application (similar to Airbnb, geared towards subleasing for college students), complete with automated payments, messaging and notifications, email signaling, map visualizations, an admin interface, social authentication, and more.

Technologies used: Python/Django, PostgreSQL, Javascript/JQuery, Google Maps API, Mapbox/Leaflet, HTML, CSS, Bootstrap, Git, Heroku, AWS (S3), custom built REST API

Software Consultant TradeNYCRealty – New York, NY – March 2015 to May 2015

Tasks: Built property listing system, complete with a content management system for managers with CRM capabilities, with the guidance of expert real estate agents in NYC.

Tech used: Python, Django, MySQL, Javascript, HTML, CSS, Bootstrap, Git

Software Consultant American Choice Modeling – Portland, OR – March 2014 to January 2015

Tasks: Led a team of remote developers to build market research simulators. Simulator features included data visualizations of predicted market outcomes, custom UI controls in each simulator (for users (clients) to modify hypothetical conditions of the market), admin content management system for each simulator, customizable data exports to excel spreadsheets.

Tech used: Python, Django, MySQL, Javascript, jQuery, Angular, Highcharts, d3, jquery.datatables, HTML, CSS, Bootstrap, Git, Excel

Clients: Nestle, Coke, Walmart, and various colleges

EDUCATION

Mountain View College (Discontinued) 2013-2014

Arlington High School 2012