**Md. Shadmaan (Python Developer) Gmail :** [**mdshadmaan098@gmail.com**](mailto:mdshadmaan098@gmail.com)

## Skype: mdshadmaan098

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**Objective- Looking for Python Developer Position (contract/full time).**

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## Summary- (Total Exp- 5+ Years)

* Experience with modern JavaScript- ReactJs, Angular, RiotJs.
* Hands on experience working with CLI, REST Api, cloud services, and noSql databases like Mongo DB, DocumentDB, CouchDB.
* Experience with Web Development, Web Services, Python and the Django framework.
* Hands on Github, Git, Heroku, Amazon S3, Parse database, and Google analytics.
* Understanding of Python best practices (PEP-8)
* Working knowledge of Python Notebook, Pandas, Numpy, Scipy
* Fast learner, creative thinker, problem solver, action and detail oriented.
* Hands on Heroku hosting services, add-ons, configuration, deployment, logmonitoring, troubleshooting, and integration with the GIT process, and the development life cycle.
* Excellent interpersonal, communication skills and documentation skills.
* Knowledge Agile development methodologies.
* Experience with
* Design the back-end api endpoints either using Rest, or GraphQL
* Write the front-end functions using Vue js
* Write the application styling using CSS and LESS style sheets.
* Add application state management using Vuex
* Add application UI transitions using CSS animations
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.
* Developed entire frontend and backend modules using Python scripting on Django Web Framework.

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# Technical Skills

* **Specialization:** Python, Django, Flask, Tornado
* **Operating System:** Linux, Mac, Windows
* **Markup Languages:** HTML, CSS, XML, BootStrap
* **Scripting Languages:** JavaScript, jQuery, AngularJS, NodeJS, ReactJs, RiotJs
* **IDES:** Eclipse, Pycharm, Vim, VS Code
* **Web Services-** AWS, EC2, Lamda
* **Database:** MySQL, SQL Server, MongodDB, PostgreSQL
* **Version Control Systems**: hg, GIT, SVN, BigBucket, JIRA
* **Other tools**- Slack, Skype

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# Projects

## Project name- MLSSupersearch & 56west.ca Role- Full Stack Developer

**Description:** MLSSupersearch & 56west.ca was a public site to search the property listing near about your area. anonymosu user can filter the property according to their requirements. They can create the report there of his/her choice to get the regular notification/updates. They can contact with the Realtor/broker for enquiries about the properties. User can see the sold report as well. Agent/broker can create lead and send the email template of property for promotional purpose.

## Responsibilities:

* + Write the functions and modules for this application
  + Fixing bugs facing by clients.

**Environment:** Python, NodeJS, Javascript, AngularJS, HTML, CSS frameworks, MongoDB

## Project name- Kensigton Medical Clinic Role- Full Stack Developer

**Description:** Application was specifically built for Kensington clinic for patient's registration and check the status. Here you can check the availability of the appointment with doctors and register their application.

## Responsibilities:

* + Write the functions and modules for this application
  + Creating new pages
  + Fixing bugs related with JS, Django function and writing CSS

**Environment:** Python, NodeJS, JavaScript, AngularJS, CouchDB, MongoDB

## Project name- Flashh.io Role- Full Stack Developer

Description: Flashh is the restaurant-based app which provides api integration with multiple restaurant in Canada. Basically, restaurant can integrate with this app and list their menus item to the user. Services like delivery and payment is also provided by flashh api.

Flash provides public facing app for user and admin panel for restaurant from where administrator of restaurant can add multiple foods with variations.

## Responsibilities:

* Developed API in NodeJS with MongoDB database.
* Developed the admin panel for restaurant and flashh admin in AngularJS consuming rest APIs.
* Write the Unit test case and publish the code on GCP instances.

**Environment:** Python, NodeJS, MongoDB, GCP, AngularJS, Docker

## Project name- RE (Recommendation engine) Role- Python developer

Description: RE is a data driven application based on PEP 8 convention to provide api to get recommendation of shifters.

## Responsibilities:

* Developed AWS lambda service handler with MongoDB database.
* Developed APIs to get data from different application and store inside MongoDB database.
* Write the Unit test case and publish the code on AWS.

**Environment:** Python, MongoDB, AWS lambda service, AWS SQS service, AWS cloudformation, Docker

**Python Packeges:** Pydoc, pytest, mongoengine, PEP8 etc

## Project name- WeCan Role- Full Stack Developer

Description: This project is about to impower the men and women in the Canadian community specially for those who is going to start their own business and want to connects with other people related with them and explore the business. A user can write their stories, share his/her ideas and can create webinar and conference to discuss social, business, and other activities.

## Responsibility:

* Design & Develop the frontend and backend for this application in Django.
* Creating controllers, View & template.
* Use inbuilt and custom widgets to implement required functionality.

**Environment:** Django, Python, JavaScript, AngularJS, HTML, CSS frameworks, SQLite

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# Work Experience

**Freelance Developer** April 2016 to Present Description:

Lately, I have been involved in various small applications and projects as a freelancer. In one app I had to develop a store locator application using Vue js, Google maps, and Cosmic JS as the back-end. In another project I developed a Progressive Web App, which more suited for mobile devices. The PWA application is an online Ads app using Vue js, Cosmic JS, GraphQL and MongoDB. Also developed other single page apps using Vue js, and various back-end systems like Rest API, MySQL, PostgreSQL, and other development tools.

## Responsibilities:

* Design UX interface and UI components using HTML and CSS
* Design back schema, and database JSON structures
* Come up with test datasets
* Design the back-end api endpoints either using Rest, or GraphQL
* Write the front-end functions using Vue js
* Write the application styling using CSS and LESS style sheets.
* Add application state management using Vuex
* Add application UI transitions using CSS animations
* Use Axios and Ajax calls to integrate with third party Rest API functions
* Use the latest build processor using Webpack and Babel
* Using ES6 javascript processor
* Write unit test, and integration tests using Jest, Jasmine, and other JS libraries ● Write server side code using Node.js and NPM
* Use the latest CSS frameworks like Vuetify, Bootstrap.

**Environment:** Vue js, Vuex, Vuetify, Vue-CLi, Vue Router, Axios, Webpack, ESLint, git, GitHub, Node.js, NPM, GraphQL, MongoDB, Firebase, HTML 5, CSS, JavaScript.

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**Python developer OnDemand Techies** August 2014 to April 2016 Description:

Was an early member of a Project to develop new social data marketing tool. In the early stage of this startup company. This helps find, follow and reach networked communities on Twitter. The interface (and underlying APIs) surface the most important content shared within the observed communities and subcommunities in real time. By consuming twitter data directly through Gnip (data provider recently acquired by Twitter) and scoring content using

various graph centrality measures, the interface surfaces relevant and sometimes surprising results. As a member of small team I was involved in different stages of the project from market and data research, user and data workflows, UI design, and application development. I also had special focus on exploring different data analysis methods to find connections and patterns among the social media data set from twitter. The product was launched after one year and had many potential users.

Responsibilities:

* Convert sketch design into web templates
* Create the CSS files to convey the design specs into actual web templates
* Create the Django basic templates to use in various web pages and Bootstrap
* Used Scripting languages like ReactJs, AngularJs and backboneJs.
* Create the Django Views using class based views
* Create the various web services views, methods, and modules to be consumed by the frontend layer
* Create the frontend javascript components using Backbone.js and frontend templates
* Create the test cases using pytest
* Use github to manage source code, deployments, and automated build
* Use PostgreSql to create the backend models and manage the database migrations using

Django

* Used various machine learning libraries like SciKit to build community models.
* Use Jira to coordinate project management development sprints

**Environment:** Python, Django, CouchDB, MongoDB, PyTest, RiotJs, Rest API, SciKit, AngularJs, ReactJs.

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# Personal Details

Name - Mohd Shadmaan

Sex - Male