MD. SHADMAAN

Python/Node.js Developer

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Objective: Looking for a challenging and motivating position in a well professionally managed organization where I can enhance strength with company's goal and objective.

Summary:

- 5+ Years of hands-on experience with Python version (2+, 3+), and Django version (1+, 2+).
- Hands-on experience with MySql, Postgress, MongoDb databases.
- Experience in API development using Python and Django rest framework .
- Experience in Web development using Python and Django framework.
- Experience in AWS serverless framework and lambda integration.
- Experience with Stripe payment, Bookey payment process integration.
- Experience with SMS integration.
- Experience in data-driven application.
- Experience in API Testing , Class and function based testing with Pytest.
- Experience With Python PEP8 Convention coding standard.
- Experience with complex schema design with Sql and noSql databases.
- API Authentication, Web Page authentication with Auth2 Authentication system.
- Experience with project environment configuration and project security management.
- Dockerization of project and deployment configuration of project.
- Project deployment with Heroku , AWS SE2 , S3 , Google instance engine and app engine.
- Scrum planning and ticket management with Trello, Jira, Asana and nTask.
- Project management and version control with Github and Bitbucket.
- Experience to work on remote machine and local window and linuxsystem.
- Fast learner, creative thinker, problem solver, action and detailoriented.
- Excellent interpersonal, communication skills and documentation skills.

Technical Skills:

Python	Django	Django Rest Framework	React Js	Node Js	Express Js

MySql	MongoDB	Postgresql	Redis	Docker	Html	JavaScript	JQuery

Work Experience:

- Currently Working as **Full Time Freelance Python/Node.js Developer** from Oct 2016 to Present.

- Worked with **Mentis Consulting** as Python Developer from Aug 2014 to Sep 2016.

Projects:

Project Name: TCPOS (Tap Com Point Of Sale)

Project Url: Deployed on company's intranet staging server / Under Development

Role: Full Stack Developer

Description: TCPOS is web application that manage restaurant and store product to sell online. Different restaurant and store can register with Tapcom to make their business online. It has functionality to manage product and product options like variant and attributed. store can setup his product by using Tapcom admin site. It provide POS to order product that can be online or on phone call or take away. Store can manage their customer and sent SMS to customer by creation groups. It has functionality to receive payment using knet or credit card. Functionality is limited for Kuwait country.

Responsibilities:

- Develop POS system.
- Design an UI to different device.
- Model and schema design for POS system.
- SMS integration, And develop customer group and category functionality to send Bulk SMS.
- Develop functionality to mange customers.
- Develop functionality to receive Payments using Bookey payment process.

Environment: Python 3.7, Django 2.8, MySql, Html, CSS, Jquery.

Project Name: WEC (Weconimia)

Project Url: **https://weconomie.ca/**

Role: Full Stack Developer

Description: This project is about to empower 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.

Responsibilities:

- Develop user authentication system for different user with specific scope and access.
- Update database design and schema for User relation, evens, webinar , and story.
- Develop custom widgets and reusable components.
- Develop feedback functionality with email sending.
- Entire design with Html and CSS.

Environment: Python 3.6, Django 1.8, Html5, CSS3, SCSS, JavaScript, Riotjs, Postgresql, Docker, Redis.

♣ Project name- Kensigton Medical Clinic

Project Url: https://kmc.countable.ca/

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:

- Update function to improve functionality to Doctor scheduling system.
- Create functionality for appointment booking system.
- Create functionality for feedback and integrate mailing system.
- Fixing bugs related with JS, Django function and CSS to improve UI.

Environment: Python, Django, Postgresql, JavaScript, HTML, CSS.

♣ Project Name: Flashh.io

Role: Full Stack Developer

Description: Flashh.io is restaurant based domain application that manage many restaurant food ordering and table booking. It provide functionality to register the restaurant with flash and you setup you restaurant online. It handle the food ordering table booking service also provide POS for the restaurant. It has very good functionality to manage the product attribute and variations.

Responsibilities:

- Develop API to manage whole functionality like food ordering table booking take away system etc.
- Develop user authentication system for 3 types or user Admin Staff and End User.
- Implement JWT token base authentication system to access API's also handle scope of user.
- Integration with stripe payment process to receive payments also to distribute payment to restaurants.
- Improve functionality with Omnivore POS integration.
- Write API's Testing with Mocha and Chai.
- Schema design
- Deploy application on Google instance engine.

Environment: NodeJs, MongoDB, Redis, Express Js, Docker.

Project Name: ShiftPixy RE(ShiftPixy Recommendation engine)

Role: Python Developer

Description: This project is about to manage the vacated shift position for registered restaurant. It has functionality to find best shifter to work for vacated shift. This is data driven application and configured by configuration file so each restaurant can set there parameters to get best shifter to work for vacated shift position. Admin can send request with vacated shift information to find best shifter to work on vacated shift .

Responsibilities:

- Configure AWS Services (lambda, SQS)
- Project configuration and environment setup for deployment.
- Functionality to fetch data Using Shiftpixy API's By SQS invocation and save in MongoDB.
- Write function and class based testing with Pytest.
- Develop many data driven class to get best shifters.

Environment: Python 3.7, AWS serverless, AWS Lambda, AWS, SQS, MongoDB.

I have also develop many single page application, components and utilities some of listed below.

- SFTP File connector: This component is for XPC and deployed on Elastic server to integrate with Mineral tree ERP system. It can read file when new file upload on SFTP and validate data with MT schema and then sent it to MT component to save data in MT database.

- JDE one world XE Integration to Manage customer, Vendors, Porches order and invoices etc. This component on running XPI.

- MailChimp API integration with AWS lambda to mange mail sending to different customer.