Mohammad Faizal.Z

I started writing code in my college days.My view towards programming completely changed after learning python.The language provides me an elegant and concise syntax to express my solutions to complex problems.I like to build tools which simplify the workflow and process.

Contact

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- **Blog:** http://zeenfaizpy.github.com
- **Github:** http://www.github.com/zeenfaizpy
- **Twitter:** https://twitter.com/zeenfaiz
- **Residence:** Dubai, UAE

Technical Skills

- **Languages:** Python, Javascript, Swift, Golang (Learning)
- **Frameworks:** Django, Django REST Framework, Celery, Angular JS, React JS, Jquery
- **Database:** Postgresql, MongoDB
- **Technologies:** Elasticsearch, RabbitMQ, Redis, Nginx, Gunicorn, Supervisor
- **Deployment Tools:** Fabric, Docker
- **Operating Systems:** GNU/Linux, Windows, Mac OS
- **Tools:** Sublime Text, Linux Shell, Linux Command Line, Xcode
- **Version Control:** GIT

Professional Experience

Kestrel Systems   **Dubai, UAE**
Senior Software Engineer   *January 2014 – Present*

Custom CRM/ERP
- Developed Custom CRM/ERP for the leading Valve Manufacturing Company in Dubai, UAE.
- Developed reliable backend for Custom CRM/ERP from scratch using Python, Django, Postgresql
- Implemented RESTful API for backend using Django REST Framework
- Automated Deployment using Fabric and Docker
- Build Awesome UI using Angular JS, React JS, Vanilla JS, Modular CSS and HTML
- Automated all technical workflows like PDM(Part Data Management), MR (Material Requisition),
- Inventory Management, Sales Management using Agile Software Development Practice and implemented using Django, Python.
- Managing Linux VPS server for CRM/ERP systems used by more than 600 people in the client site.
- Used technologies like Nginx, Gunicorn, Supervisor, RabbitMQ, Redis, Celery in Production server
- Build automated Reports from sales/production data using D3.js and Python.
- Implemented salesman tracking system in Vanilla JS using Mapbox API and Google Maps API

Custom Accounting Software
- Developed Custom Accounting system like Xero for the leading Valve Manufacturing Company in Dubai, UAE
- Implemented the highly scalable backend using Python, Django, Celery, RabbitMQ, Redis
- Integrate the all account modules with existing custom ERP using RESTful API (Django DRF)

Custom HRM Software
- Developed Human Resource Management software from scratch using Python, Django, Celery, RabbitMQ, Redis, ElasticSearch.
- Automated all workflow like employee leave application and verification process, worksheet management, Document Controller, Leave and Gratuity Tracker, job activity management, etc using Python, Django, AngularJS, Celery, RabbitMQ.

Custom Recruitment Portal
- Developed custom recruitment portal and integrate with existing HCAP HR Software using Python, Django, Celery, RabbitMQ, Gunicorn, Nginx.
- Build responsive frontend using ReactJS, Vanilla JS, HTML.
- Automated all recruitment workflow like screening, shortlisting, exam and hiring process.

Online Food Ordering System
- Developed online food ordering system for the famous pizza shop in Dubai, UAE
- Build REST API using Python, Django, Django REST Framework.
- Implement online payment using payfort and integrated it with their legacy POS using custom linux machine at site
- Build Single Page Application using ReactJS, Webpack.
- Worked on Native IOS Application built using Swift and integrate with Custom REST API using Django REST Framework

iThoughtz Technologies   **Chennai, India**
Full Stack Developer   *July 2011 – December 2013*

- Worked on India's leading stock fundamental research/analysis platform (http://www.equityboss.com) built using Python, Django, MongoDB, TastyPie Framework
- Build Responsive UI using Modular CSS, HTML, Angular JS for Equityboss Frontend
- Developed RESTful apis using for TastyPie and Django REST Framework for stock search module
- Developed custom algorithms for equityboss stock rating using Python and Django
- Developed scalable background jobs to fetch Stock details from stock data provider endpoints using Celery (Python) and RabbitMQ

Education

MIET Engineering College   **Trichy, India**

Bachelor of Engineering in Computer Science   *2007 – 2011*