

**Parth Donga**  
**Python Developer**  
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**Professional Summary:**

- Around 4 years of experience in developing web-based applications, software development and design using **Python 3.3/2.7, Django 1.9/1.8, XML, CSS, HTML, DHTML, JavaScript, JQuery & Angular Js.**
- Experienced in MVC frameworks like **Django, Angular JS, JQuery, React.js and Node.js. Flask and Pyramid,**
- Well versed in **Django ORM and SQLAlchemy** and Extensive use of **Linux (Ubuntu), SSH, Flask/Django.**
- Proficient in SQL databases **MS SQL, MySQL, and no-SQL databases MongoDB, Cassandra**
- **Worked on AJAX framework** to transform Datasets and Data tables into HTTP-serializable JSON strings.
- Expertise in creating **Restful API in NodeJS** and communicate with Clojure server via protocol and use Backbone to generate template.
- Have Extensive experience in learning and practices newer tools like **Solr, Elastic search, Kibana, Lucerne, Spotfire. Built Analytics KPI engine using Python and PIG.**
- Extensive knowledge in using UNIX shell scripts for automation of ETL processes & for file handling. Well versed with design and development of presentation layer for **web applications using technologies like HTML, CSS, and Bootstrap.**
- Good working experience in processing large datasets with Spark using Scala and Pyspark and Familiar with **JSON based REST Web services.**
- Experienced in developing Web Services with Python programming language and Good working experience in processing large datasets with Spark using Scala and Pyspark.
- Extensive experience with **Amazon Web Services (AWS), Openstack, Docker Puppet, Chef, Ansible, AWS CloudFormation, AWS CloudFront** and Experience in using containers like **Docker** and familiar with **Jenkins**. Experience with **ELK Stack.**
- Experience in **Agile development methodology, waterfall and TDD (test driven development).**
- Expertise in working with **PHP, Drupal, MYSQL, CSS, AJAX and XHTML** to build a fully Web 2.0 compliant networking website.
- Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extract.
- **Good experience in Shell Scripting, SQL Server, UNIX and Linux, OpenStack** and Expertise python scripting with focus on Devops tools, **CI/CD and AWS Cloud Architecture.**
- Experienced in working on Application Servers like **WebSphere, WebLogic, Tomcat, Web Servers like Apache server, NGINX** and Integrated Development Environments like **Pycharm, Eclipse, MyEclipse, JDeveloper and RAD**, Built the web application by using **Python, Django, AWS, J2EE, PostgreSQL, MySQL, Oracle 10g and MongoDB.**
- Expertise in Object-Oriented design and coding. Good knowledge of various Design Patterns and UML and Wrote Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization.
- Performed **SDLC**, Database designs, agile methodologies, coding, testing of enterprise applications and IDE's such as **Jupyter Notebook, PyCharm and Visual Studio.**
- **Experienced in writing SQL Queries**, Stored procedures, functions, packages, tables, views, triggers. Used **R Language** among statisticians and data miners for developing statistical software and data analysis.
- Experience in implementing **python** alongside using various libraries such as **matplotlib** for **charts and graphs, MySQL dB** for database connectivity **Pandas data frame, urllib2.**
- Have good idea about tools like Bugzilla, Jira, Confluence, and Axosoft and Design the front end of company website with **CSS, Sass, and Bootstrap** and **implemented Web Services based on SOA architecture with Restful.**

**TECHNICAL EXPERTISE:**

**Programming Languages:** Python 3.3/2.7, Django 1.4/1.3, Flask, C++, Shell Script, SQL.

**Python Frameworks:** Pandas, Flask, Django.

**Web Technologies:** AJAX, JavaScript, HTML, DHTML, XHTML, XML, React, JSON, JQuery

**Operating systems:** Windows XP, Win 7, 8.1, 10, Linux, OS X.

**Methodologies:** Agile, V Model, Waterfall, Hybrid.

**Development Tools:** PyCharm, **VS Code**, **Jupyter Notebooks**, Sublime Text, Notepad++.

## **EDUCATION:**

**Bachelor of Engineering (Computer Engineering)**  
Gujarat Technological University (GTU)

2015– 2019  
India

## **PROFESSIONAL EXPERIENCE:**

**CanadaLife, Markham, Ontario**  
**Python Developer**

**Aug 2021 to Present**

### **Responsibilities:**

- Developed the Honda Logistics digital transformation systems from legacy systems using micro-service architecture.
- Built the front-end dashboard with Angular 8 using Rest API calls and microservices.
- Worked on the **REST/Web API** to create the services and tested on postman and used **\$HTTP** service calls and bind the data in the table.
- Involved in developing user interactive web pages as the front-end part of the web application using various web technologies like **HTML, JavaScript, Angular 8, jQuery, AJAX** and implemented **CSS** for better appearance and feel.
- Created a **Python/Django** based web application using **Python scripting** for data processing, **PostgreSQL** for the database, and **HTML/CSS/jQuery** and **AM Charts** for data **visualization** of the served pages.
- Developed Microservices by creating REST APIs and used them to access data from different suppliers and to gather network traffic data from **servers**.
- Involved in development of **Web Services** using **REST** for sending and getting data from the external interface in the **JSON** format.
- Used **Pandas** as **API** to put the data as time series and tabular format for manipulation and retrieval of data.
- Implemented performance effective solutions for long running SQL processes by using **PySpark Data Frame** processing.
- Involved in entire **lifecycle** of the projects including **Deployment, Testing** and Implementation and support. Maintaining the scripts using the version Control.
- Developed **Business Logic** using Python on **Django** Web Framework.
- Designed and developed data management system using **PostgreSQL**.
- Write scripts using python modules and its libraries to develop programs that improve processing of access requests.
- Utilized **PyUnit**, the Python **Unit test** framework, for all Python applications and used Django **Database API's** to access database objects.
- Deployed project into **Amazon web services (AWS)** using amazon **elastic bean stalk**.
- Added support for **Amazon AWS S3** and **RDS** to host static/media files and the database into
- Amazon Cloud. Implemented AWS high availability using AWS Elastic Load Balancing (**ELB**), which performed balance across instances.
- Involved in application design, site architecture design, using **HTML** programming to meet validation requirements.
- Experience with **Unit testing / Test driven Development (TDD)**.
- Worked with **Splunk** for testing the performance and debugging server level problems.
- Used perforce version control system and Python Tools for **Visual Studio (PTVS)** IDE.
- Create and write result reports in different formats like **txt, csv, xls, and JSON**. Worked on **CSV**.
- Experience with **JavaScript (ES6+)**, **Typescript** for **Angular 8** to develop routing in Single Page Applications (**SPAs**).
- **Django API's** to access the database by using python Django Template.

**Environment:** Python, Django, Web Framework, Splunk, HTML5, CSS3, Bootstrap, Angular 8, JavaScript, jQuery, JSON, XML, database access, Bootstrap, Pandas, GitHub, Junit, Scripting MVC, Node.js, npm libraries

**SevOne, Markham, Ontario**

**Aug 2020 to July 2021**

**Python Developer**

**Responsibilities:**

- Developed frontend and backend modules using Python on Django including Tastypie Web Framework using Git. Implemented pre and post-processing pipelines for Machine Learning algorithms.
- Involved in constant indulging and coherent working with Python and Machine Learning concepts.
- Building and maintaining Docker contains cluster managed by Kubernetes, linux and git.
- Utilizing kubernetes and docker for runtime environment of CI/CD for build, test and deploy.
- Developed the Accommodations utilizing AWS Elastic Search, Restful Accommodations utilizing JAX-RS.
- Created a dashboard using Elasticsearch and Grafana to monitor hardware utilization for over
- Worked on EC2, S3, ELB, Auto scaling Servers, Glacier, Storage Lifecycle rules, Elastic Beanstalk, Cloud Formation, Cloud Trail, Cloud Front, RDS, VPC, Route 53, Cloud Watch, IAM & Roles, SNS subscription service.
- AWS EC2/VPC/S3/SQS/SNS based framework computerization through Terraform, Ansible, Python, and Bash Scripts.
- Expert in performance monitoring tools like AWS Cloud Watch and Stack driver.
- Implemented cluster services using **Docker** and **Kubernetes** to manage local deployments in **Kubernetes**.
- Used jQuery and AJAX calls for transmitting JSON data objects between front end and controllers and Utilized continuous integration and automated deployments with Jenkins, Ansible and Docker.
- Involved in deployment of the web application using the Linux server.
- Familiar with JSON based REST Web services and Amazon Web services (AWS) and Responsible for setting up Python REST API framework and spring frame work using DJANGO.
- Build back-end application with Python / Django, work with docker, RabbitMQ, Celery, Jenkins.
- Involved in the Complete Software development life cycle (SDLC) to develop the application and Worked closely with software developers and DevOps to debug software and system problems.
- Experience scripting in a notebook environment, preferably using **Python**, Pandas, and Jupyter.
- Followed AGILE development methodology to develop the application and Used the GO Programming Language to refactor and redesign the legacy databases.
- Used Git to resolve and coding the work on python and portlet.

**Environment:** Python 3.3, PyQT, PyQuery, MVW, HTML5, CSS3, DOM, Angular.js, Shell Scripting, JSON, Rest, Apache Web Server, Django, SQL, UNIX, Windows, AWS, MongoDB, PostgreSQL, and python libraries such as Numpy, IPython, sqlalchemy, Django Tastypie

**Softcube Technologies**

**May 2018 - July 2020**

**Python Developer**

**Responsibilities:**

- Developed GUI using Python and Django for dynamically displaying the test block documentation and other features of python code using a web browser.
- Designed the front end of the application using Python, HTML, CSS, AJAX, JSON and JQuery.
- Developed html views with HTML, CSS, JSON and Angular JS, Adobe flash.
- Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package.
- Writing SOAP and RESTful web services, in house ESB for a web claims application (Spring MVC, Angular JS, Active MQ, SOAP UI, Mockito, JSON, Build forge)
- Develop consumer-based features and applications using Python, Django, HTML, Behavior Driven Development (BDD) and pair-based programming.
- Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content.
- Implemented migration tasks from Oracle apps to PostgreSQL databases.
- Responsible for writing/modifying scripts using sh, ksh, and Bash for day-to-day administration.
- Developed entire frontend and backend modules using Python on Django including Tastypie Web

Framework using Git.

- Developed Merge jobs in Python to extract and load data into MySQL database.
- Designed front end using UI, HTML, Bootstrap, Node JS, underscore JS, Angular JS, CSS, and JavaScript.
- Wrote python scripts to parse XML documents and load the data in database. [L]  
[SEP]Developed entire frontend and backend modules using Python on Django Web Framework
- Organized data exchange and integration with customers and third-party systems using [L]  
[SEP]CSV, XLS, XML, DBF, JSON, REST, SOAP.

**Environment:** Python 2.7, Python, Django 1.6, Django REST Framework, Flask, XML, HTTP, Ajax, Bootstrap, JSON, HTML, CSS, jQuery, Node Js, Angular Js Pandas, SOAPUI, Mockito Bugzilla, GITHUB, Java Script, PL/SQL, Microsoft SQL Server, Shell Scripting, Amazon Web Services (AWS).