# Professional Summary:

* **6 years** of Full Stack Experience in design, development, testing and implementation of various stand-alone and enterprise application software using **Python, Django, JavaScript, JQuery, AJAX** on different domains.
* Experience in writing test cases for applications using **unit test** module
* Extensive experience in writing **Serializers** and **API’s** using **Rest Framework**
* Good experience in working with various Python Integrated Development Environments like **PyCharm, Spyder, and Sublime Text.**
* Experience in automating development using **Selenium** module.
* Experience with version control systems such as Git and SVN
* Good Knowledge on **Data Structures and Algorithms**
* Expertise in **JQuery plugins** such as **data tables, file upload**, etc and writing SQL queries.
* Experience in using Java Script plotting libraries like Plotly, High charts, etc., to create User Interface dashboards.

# Skills:

**Programming Languages :** Python, C++, Perl

**Databases :** PostgreSQL, SQL Server

**Operating Systems :** Windows, Unix, Linux

**Web Technologies :** HTML, CSS, JavaScript, JQuery, Ajax, bootstrap

**Frameworks** **:** MVC, Django

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# Professional Experience:

**Client: Allstate Insurance Sep 2018 – Present**

**Role: Python Developer**

**Conversion of Tenfold language to Python.**

The requirement for the client is to convert tenfold programming language in to python from end to end. These conversions include built in tenfold language functions, naming conventions, logging modules, tenfold language API and database connections. The tenfold language universal application tool was developed for accessing the database sets and tenfold language API was practiced for data extraction from the web server. In order to change this terminology, the python universal application was implemented as a wrapper for accessing the tenfold language database sets.

**Roles and Responsibilities:**

* Conversion of tenfold programming language scripts using python
* Followed the best practice of Python such as PEP-8.
* Worked on large data sets and performance optimization of delivering large datasets by using caching mechanism.
* Involved in debugging the applications monitored on JIRA using agile methodology and developed efficient python for client web-based application.
* Developed views and templates with Python and Django's view controller and templating language to create a website interface for python universal application.
* Worked in optimizing the python code made the code scalable as well as involved in development of RESTFUL Web Services to extract client related data from databases.
* Involved in representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs.
* Experienced in using Caching applications for large scale applications like Memcached, Redis.
* Expertise in Production support. Provided first, second and third level support to different organizations. Used pdb other debugging tools and deployed production hot fixes.
* Extensive knowledge on testing the python scripts using unit test module and familiar with the continuous integration tools like Jenkins.

**Environment**: Python, Django, Angular JS, html, CSS, AJAX, JavaScript, JQuery, PostgreSQL, Linux, UNIX.

**GOOGLE, CA Feb 2018 – Aug 2018**

**Role – Full Stack Python Developer**

**LMS STAGING & LOCUS HIPO**

The third-party information of selected lead owners was uploaded in LMS application for generating access code for each client. The login information with the access code directs the client to LOCUS that shows all the google products such as chrome books etc.

The selection of product directs the client to the interest’s page so that the client can able to see the product specifications and the related interests such as data infrastructure, cloud applications and security. The client’s details will be sent to form box application for the final verification.

**Roles and Responsibilities:**

* Cooperated with team members to design an e-commerce web application
* Assisted with client to analyze technical feasibility for the e-commerce system and provided solutions
* Designed the front-end web application using HTML5, CSS3, JavaScript and bootstrap
* Ownership of writing **api’s** for handling requests like updating tags for log entries dynamically and accessing and filtering LPM similar to **Django** filtering on columns during querying.
* Managed database systems and optimized SQL queries led to the increase of business users
* Practiced in Agile environment for project planning and maintained source code version control with Git
* Worked on bug fixing and improving application performance
* Extensive experience on google app engine and datastore console.
* Wrote and executed manual Shell/Python scripts testing for each endpoint throughout the entire Agile SDLC.
* Experienced in MVC frameworks like Django, Angular JS, Java Script, JQuery.

**Environment:** Python 3.5, Django 1.7+, HTML, CSS, JavaScript, PostgreSQL, JQuery, Bootstrap, Nginix server, gunicorn, Beautiful Soup, NumPy, Pandas, Data tables, Anaconda, Spyder, Git, GitHub, Linux.

**Client: Goldman Sachs, NY Feb 2017 – Jan 2018  
Role: Python Developer.**

Worked on a customer support application serves to build clients and services covering the entire customer life cycle to help with Account details, subscription details, user details, program details, history, content search, credit card change details, recent activity, manage calls and help site services like call us back, chat with us, contact us etc, including working on various bug Fixing, troubleshooting works and also includes development of a Python Based Application for their new venture.

**Responsibilities:**

* Extensively used XML and RESTful Web services to retrieve and send data from different applications
* Built and maintained code libraries to support analytics using Numpy and Scipy.
* Managed cloud infrastructure using Open stack software to create Virtual machines.
* Created Jenkins cluster for managing software build process through different nodes.
* Worked on parsing of JSON data to be used in the project received by API calls using Python Request library.
* Worked with Scrapy for webscraping to extract structured data from website to analyze the specific data of a website and work on it.
* Used ansible for automated package deployment and server configuration.
* Performed data manipulation /Storage for incoming test data using lxml/etree libraries.
* Designed the front end of the application using HTML, CSS, AJAX, Bootstrap, JSON , Angular JS and JQuery. Worked on backend of the application using Python, mainly using active records. Used Python and Django to interface with the JQuery UI and manage the storage and deletion of content.
* Embedded Ajax in UI to update small portions of the webpage avoiding the need to reload the entire page.
* Used GIT as version control for existing system.
* Creating and modifying webservices and stored procedures to implement new requirements using Python. Exposing services as RESTful service in JSON format for Admin UI which is developed using Django.
* Created SQL loader Scripts to load data into the temporary staging tables.
* Used JIRA to maintain system protocols by writing and updating procedures and business case requirements, functional requirement specifications documents.
* Implemented unit testing using PyUnit, and tested several RESTful services using SOAP UI.
* Experienced in Agile Methodologies and SCRUM Process.
* Worked in development of applications especially in LINUX environment and familiar with all commands.

**Environment:** Python 2.7, Django 1.3, HTML5, CSS, Bootstrap, XML, AJAX, JSON, Blaze, JQuery, Angular JS, JavaScript, Oracle 11g/10i, MySQL, RESTful API’s, Linux.

### Integrated Wireless Solutions, Hyderabad Nov 2014 - Dec 2015

### Role – Software Engineer

### Automated Process Monitoring

Worked on Automated Process Monitoring that encompasses the tracking of individual automated tasks, so that information on their state can be easily seen, and statistics on the performance of one or more tasks can be provided. An example of the tracking is being able to determine the state of a task (e.g. File upload) so that problems in its operation can be identified and corrected.

### Roles and Responsibilities

* Ownership of taking initiative and developing new requirements that comes in.
* Ownership of creating and customizing the controls.
* Worked on fixing issues raised by QA team and Production department.
* Involvement in writing business logic and developing UI.
* Used Python modules such as requests, urllib, urllib2 for web crawling.
* Used other packages such as Beautiful soup for data parsing. Worked on writing and as well as read data from csv and excel file formats.
* Involved in writing queries and stored procedures.
* Involvement in writing test cases and Unit testing.
* Used Django configuration to manage URLs and application parameters.
* Built various graphs for business decision making using Python Matplotlib library.
* Proficient in code debugging.

**Environment:** Python, HTML, CSS, AJAX, JavaScript, JQuery PostgreSQL, Linux, UNIX.

### 3dplm, Bangalore June 2013 - Nov 2014

### Role - Technical Associate

### Ad Tracking

Process Monitoring is an enterprise application which supports end to end solution to Ad design business. It’s a web-based application which gives access to its customers to place their orders and allow managing their orders online. It also facilities customers to get electronic email alerts to know the status of the jobs. It gives ability to interact with their customers and keep them posted through electronic mails and has work flow which allows their designer to work on orders submitted through job direct.

**Roles and Responsibilities**

* Finished tasks assigned on time with efficient code.
* Involved in writing unit test cases and testing the application
* Designed and developed some parts of UI
* Involved in writing parts of core logic during development.
* Involved in code review meetings.
* Cooperated with team members to design an e-commerce web application.
* Experience object-oriented programming (OOP) concepts using Python, C++ and Java.
* Used Selenium Library to write fully functioning test automation process.
* Performed Web application development using Python, Django 1.4, Flask, MongoDB, JavaScript, AJAX, HTML, XML and template languages.
* Knowledge of API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.

**Environment:** Python 2.7, Perl, SQL Server, JQuery, Bootstrap, Nginix server, gunicorn, Git, GitHub, Linux.

### Augusta, Hyderabad, India July2011 – April2013 Role – Full Stack Python Developer

### Log Process Management (LPM)

**LPM** is a web application for electronic logging of daily tasks. **LPM** goal is to electronically log tasks rather than paper. The main aim of LPM is remove difficulty of searching earlier logged tasks. **LPM** resolved this problem efficiently by providing advance search capabilities like column filtering, search by date range etc. Apart from this LPM has more features like linking current log to earlier ones, etc.

**Roles and Responsibilities:**

* Ownership of handling project from understanding requirements document and implementing new features.
* To prevent, detect and claim the duplicate member entries implemented business logic in Python.
* Re-designed various modules for executing changes and made efficient system.
* Created Map Reduce programs in Python to reconcile the existing member history and new files.
* Ownership of **designing Database** for the project and writing **Serializers**
* Wrote all modules in an organized and reusable fashion. Developed using **object-oriented methodologies**.
* Implemented site in a responsive way using **bootstrap** to work from any device.
* Managed database systems and optimized SQL queries led to the increase of business users.
* Wrote and executed various MYSQL database queries from Python using Python-MySQL connector and MySQL dB package.
* Skilled experience in Python with proven expertise in using new tools and technical developments, libraries used: libraries- Beautiful Soup, Matplotlib, Pickle, networks, urllib2, MySQL dB for database connectivity.

**Environment:** Python, MySQL, JSON, REST, HTML, CSS, XML, Unit Test, AWS, Jenkins, Django framework-version (1.5), Ubuntu.

# Education:

**2016 –2017 Masters**

### Murray State University, Kentucky.