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**CAREER OBJECTIVE**  
  
looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills which helps me in broadening and enhancing my current skills and knowledge.

# Summary

* Around 8 + years of experience in **Analysis**, **Design**, **Development**, **Implementation** and **Testing** of various stand - alone and client-server architecture-based enterprise application software in **Python** on various domains.
* QA and mobile automation Engineer, JavaScript knowledge of test methodologies, processes, and tools(Selenium, Python or any programming language, Appium, JIRA, STLC, Test Management tool – ALM, Zephyr).
* Android /IOS testing experience knowledge of relational databases/SQL.
* Experience on complete software development life cycle (SDLC) with software development models like**JIRA, Agile Scrum Model, Prototype model & RUP, Waterfall model.**
* Worked on various applications using python integrated IDEs **Sublime Text**, **PyCharm, NetBeans, Spyder**and **IntelliJ.**
* Handy experience in developing **Web-Applications** implementing **Model View Control architecture** using **Django**, **Flask** web application **frameworks**.
* Good Experience in **Object Oriented Analysis** in developing **Front-End** and **Back-End** **framework** using various design patterns.
* Experienced in developing **Web-based Applications** using **Python, CSS3, HTML5, JavaScript, Angular.js, React.js and jQuery**.
* Experienced in developing **Web Services** with **Python programming language**. Good knowledge of **Web Services** with protocols **SOAP**, **REST**.
* Skilled experience in **Python** with using new **tools and technical developments** (Libraries Used: libraries - **Beautiful Soup, NumPy, SciPy, matplotlib, Pickle, PySide, Panda’s data frame, network, urllib2, PyCharm**) to drive improvements throughout **entire SDLC**.
* Experienced with databases using ORMs/DOMs for integrating with **MySQL**, **NoSQL, PostgreSQL**, **MongoDB**, and **Cassandra SQLite**. Also, experienced with writing custom queries through database connectors.
* Knowledge in working with continuous deployment using **Heroku**and **Jenkins.**
* Experience in implementing with server-side technologies with restful **API** and **MVC** design patterns with Node.js and Django framework.
* Hands on experience in working with various Version Control Systems, mostly **GIT, CVS** and **SVN**.
* Good experience in working on **AWS S3** with **Amazon EC2**.
* Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.

# Skills

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| **Languages:** | **Python** |
| **Web Technologies:** | **HTML5, CSS3, JavaScript, XML, jQuery** |
| **Python Libraries:** | **Beautiful Soup, NumPy, SciPy, matplotlib, Pickle, PySide, Pandas data frame, network, urllib2, PyCharm** |
| **IDEs:** | Eclipse, PyCharm, Visual Studio, PyScripter, Sublime Text, **NetBeans, Spyder,** **IntelliJ** |
| **Frameworks:** | Django, Flask, Angular.js, Node.js, React.js |
| **Database:** | **MongoDB, Cassandra, SQLite, PostgreSQL, MySQL, NoSQL** |
| **Tools:** | **Jira, Bugzilla, CVS**, **SVN, GitHub, Heroku, Jenkins** |
| **Methodologies:** | **SDLC, Agile, Scrum, Waterfall** |
| **Operating Systems:** | **Windows, Linux** |

# Education

## MASTER’S IN COMPUTER SCIENCE, Sacred Heart University

# Experience

**Senior Python Developer – Client Server Technologies**

**2017 Nov – Till Date**

**Responsibilities:**

* Developed and designed **Python** based API **(RESTful** Web Service) to interact with company’s website.
* QA and mobile automation Engineer, JavaScript knowledge of test methodologies, processes, and tools(Selenium, Python or any programming language, Appium, JIRA, STLC, Test Management tool – ALM, Zephyr).
* Android /IOS testing experience knowledge of relational databases/SQL.
* Wrote **Python** code and actively participated in the procedure to automate processes.
* Build and test functionality within a production pipeline.
* Implemented **Python** code to fix bugs and provides upgrades to existing functionality.
* Provided fault isolation and root cause analysis for technical problems.
* Highly efficient in handling multi-tasking issues in a fast paced environment.
* Created Business Logic using **Python** to create Planning and Tracking functions.
* Involved in building database Model, APIs and Views utilizing **Python,** in order to build an interactive web based solution.
* Developed Business Logic using **Python** on **Django** Web Framework.
* Designed and managed API system deployment using fast http server and **Amazon AWS** architecture.
* Used **Django** configuration to manage URLs and application parameters.
* Utilized **PyQt** to provide GUI for the user to create, modify and view reports based on client data.
* Developed Merge jobs in **Python to extract and load data** into **MySQL** database.
* Developed user interfaces using **HTML5** and **JavaScript.**
* Utilized **Agile** process and **JIRA** issue management to track sprint cycles.
* Performance and functional testing of all the dynamic and interactive features of the website.
* Wrote validation scripts in SQL to validate data loading.
* Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.

**Environment:** Python, Django, PYQt, Python SDK, AWS, REST API, XML, HTML5, JavaScript, MySQL, LINUX.

## Python Developer-Cigna, CT

Oct 2016 – Oct 2017

* Taken part in software development life cycle (**SDLC)** of the tracking systems Requirements, Gathering, Analysis, Design, Development, System Testing and User Acceptance Testing using agile scrum model.
* Created Python interface to convert **BTEQ** scripts to **python.**
* Implemented user interface guidelines and standards throughout the development and maintenance of the Website using the **HTML, CSS, JavaScript, jQuery** and **Angular.js**.
* Wrote **UNIX** commands to fix various issues in creation and automatic execution of reports.
* Created new tables and modified existing ones using **Teradata** and python, Created **SQLloaderScripts** to load data into the temporary staging tables and created Unit tests to test the output.
* Used Splunk to create a system health check so that email can be send to everyone if the system is down.
* Made changes to **Metadata** so that the new code and be consumed by the application
* Made **DDL** and DML changes so that new **Teradata** tables can be joined with other tables to easily get desired outputs
* Used **Java** to create Acceptance tests in **Fitnesse**.
* Used **TDD** to add new features and functions to the existing code.
* Used Jenkins to monitor, check and fix build failures.
* Used **Gitlab** for Version control.

## Python Developer- UnitedHealth Group, CA

Jun 2015 –Sept 2016

* Involved in various phases of the project like Analysis, Design, Development, and Testing.
* Wrote code to support model-view-controller (MVC) pattern of Python Django framework in developing several modules for the application.
* Implemented user interface guidelines and standards throughout the development and maintenance of the Website using the HTML, CSS, JavaScript, jQuery and Angular.js.
* Designed and Developed SQL database structure with Django Framework using agile methodology.
* Designed and maintained databases using Python and developed Python based **API** (RESTful Web Service) using **Flask**, **SQL-Alchemy** and **PostgreSQL**.
* Utilized Python libraries NumPy, Report Lab, Json-Logic, Beautiful soup and mat PlotLib.
* Wrote Python scripts to parse XML documents and load the data in database.
* Developed and designed an **API** (**RESTful** Web Services).
* Added support for **AWSS3 and RDS to host static/media files**and the database into Amazon Cloud.
* Implemented automate scripts to back up the old records using MongoDB.
* Placed data into JSON files using Python to test Django websites.

## Python Developer-Advik Technologies Pvt Ltds, INDIA

Jan 2014 – Jul 2015

* Taken part in software development life cycle (**SDLC**) of the tracking systems Requirements, Gathering, Analysis, Detail Design, Development, System Testing and User Acceptance Testing.
* Implemented business logic using **Python Web frame work Django**.
* Manage datasets using **Panda data frames** and **MySQL, queried MYSQL database queries** from **pytho**n using **Python-MySQL** connector and **MySQL dB** package to retrieve information.
* Generated **Python Django** forms to record data of online users and used **PyTest**for **writing test cases**.
* Generating various capacity planning reports (graphical) using Python packages like **NumPy, matplotlib**.
* Involved in development of **Web Services** using **SOAP** for sending and getting data from the external interface in the **XML** form.
* Develop consumer-based features using **Django, HTML and Test-Driven Development** (**TDD**).
* Developed module to build **Django ORM queries** that can pre-load data to greatly reduce the number of databases queries needed to retrieve the same amount of data.
* Deployed the project into **Heroku** using **GIT version** control system.

**STRENGTHS**

* Determined to learn with practical approach
* Hardworking and Punctual.
* Positive attitude towards every aspect and being open minded.

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