

# JESSICA CLAIRE

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## PROFESSIONAL SUMMARY

- Over 3+ Years of experience in Analysis, Design, Development, Management and Implementation of various standalone and client - server architecture based enterprise application software.
- Extensive knowledge in **Python, MySQL, Django**.
- Experience with Design, code, debug operations, reporting, data analysis and web applications utilizing Python.
- Worked with MVW frameworks like **Django, Angular JS, HTML, CSS and JSON**.
- Excellent working Experience in **Agile (SCRUM)** using Rally and TFS, RUP and Waterfall methodologies with high quality deliverables delivered on-time.
- Wrote Python modules to extract/load asset data from the MySQL source database.
- Utilized **PyUnit**, the Python unit test framework, for all Python applications.
- Evaluated potential software products based on new and existing system development and migration requirements.
- Performed regression and system-level testing to verify software quality and function before it was released.
- Experience in working with Python ORM Libraries including **Django ORM**.
- Superior Troubleshooting and Technical support abilities with Migrations, Network connectivity and Security and Database applications.
- Assessed costs and risks associated with developing new features and products.
- Skilled in testing tools in **JIRA**.
- Experienced in working with various **Python IDEs** using PyCharm, PyStudio, PyScripter, PyDev.
- Able to analyse a requirement and act accordingly by managing the resources efficiently.

## SKILLS

**Programming Languages:** Python 2.5-2.7/3.4-3.6 , SQL.

**Application servers:** Jenkins.

**Web Technologies:** HTML, CSS, Java Script, AngularJS 8.0/9.0/10.0.

**Databases:** MySQL, PostgreSQL.

**Frameworks:** Django.

**IDE's/ Development Tools:** PyCharm, PyScripter, PyStudio and

**Version Control :** MVC, GitHub.

Sublime Text.

**Front End:** Angular JS, JSON, Bootstrap, CSS, HTML.

**Testing Tools:** PyTest and JIRA.

## WORK HISTORY

**Jr Python Developer**, 08/2020 - Current

**Cognizant Technology Solutions** – Nashua, NH

- Worked on development of **internal testing tool framework** written in **Python**.
- Executed scripts in Python for extracting data from **HTML** file.
- Developed views and templates with Python and Django's **view controller** and templating language to create user-friendly website interface.
- Used **JavaScript** and **JSON** to update portion of webpage.
- Worked on Source codes in websites by performing troubleshoot and fixing errors.
- Responsible for debugging project monitored on **JIRA (Agile)**.
- Used Python and Django to interface and manage storage and deletion of content.
- Build SQL queries for performing various CRUD operations like create, update, read and delete.
- Developed entire frontend and backend modules using **Python on Django Framework** using **Git**.
- Worked on front end frame works like CSS Bootstrap for development of Web applications.
- Created database using **MySQL**, wrote several queries to extract data from database.
- Developed **Merge jobs in Python** to extract and load data into MySQL database.
- Designed front end using **HTML, CSS3, Bootstrap, Angular JS, and JavaScript**.
- Followed **AGILE** development methodology to develop application.

**Environment:**

Python 3.9, Django 3.1.5, HTML5, CSS, XML, MySQL, JavaScript, Angular JS, Bootstrap, JavaScript, GitHub.

**Jr Python Developer**, 02/2020 - 07/2020

**Iconic Infosys** – City, STATE

- Built **database model, Views and API's** using Python for interactive web based solutions.
- Placed data into **JSON** files using Python to test Django websites. Used Python scripts to update content in database and **manipulate files**.
- Developed web based application using Django framework with python concepts.
- Generated Python Django forms to maintain records of online users.
- Used **Django API's** to access database.
- Skilled in using Collections in Python for manipulating and looping through different user defined objects.
- Developed efficient **Angular JS** for client web based application.
- Designed and developed UI for website with HTML, CSS, Java Script.
- Involved in working with Python open stock API's.
- Responsible for managing large databases using **MySQL**.
- Wrote and executed various MySQL database queries from Python-MySQL connector and **MySQL db package**.
- Associated with debugging applications monitored on **JIRA** using **Agile** methodology.

**Environment:**

Python 3.8.4,Django 3.0, HTML, CSS, Angular JS, JSON, JavaScript, GIT Hub, MYSQL, JIRA.

**Jr. Python Developer**, 02/2019 - 01/2020

**Deloitte** – City, STATE

- Worked on requirement gathering and High-level design.
- Used **HTML/CSS, XML and JavaScript** for UI development.
- Converted Visual Basic Application to Python, MySQL.
- Used python scripts to update content in database and manipulate files.
- Modified queries, functions, cursors, triggers and stored procedures for **MySQL** database to improve performance, while processing data.
- Used Collections in Python for manipulating and looping through different user defined objects.
- Contributed patches back to Django.
- Responsible for getting teams up and running with game record features.
- Performed research regarding Python Programming and its uses and efficiency.
- Utilized Python in handling of all hits on **Django** and other applications.
- Followed **Agile** Methodology and **SCRUM** Process.
- Extensive code reviewing using **GitHub** pull requests, improved code quality, and conducted meetings among peer.
- Collaborated with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.
- Managed, collaborated and coordinated work of offshore development team.

**Environment:**

Python 3.7.6, Django 2.2.17, Visual Basic, Java Script, MySQL, PL/SQL, agile.

**Python Developer**, 02/2018 - 01/2019

**Keansoft** – City, STATE

- Used **Agile** Methodology and **SCRUM** Process.
- Worked with Stakeholders, gathered requirements, developed High level design and Detail design documents.
- Developed UI using **HTML, JavaScript**.
- Re-engineered various modules for implementing changes and creating efficient system.
- Developed rich UI web application using **JavaScript**.
- Designed and developed components using Python with Django framework. Implemented code in python to retrieve and manipulate data.
- Implemented database access using **Django ORM**.
- Used **MySQL** as backend database and MySQL of python as database connector to interact with MySQL server.
- Used **Restful APIs** to access data from different suppliers.
- Used **Python and Django** creating graphics, **XML** processing of documents, data exchange and business logic implementation between servers.
- Associated with Restful API's to gather network traffic data from Servers.
- Supported **Apache Tomcat** web server on Linux Platform.
- Support scripts configuration, testing, execution, deployment and run monitoring and metering.
- Developed and executed User Acceptance Testing portion of test plan.

**Environment:**

Python 3.7.2, Django 2.2.17, C++, HTML/XHTML, MySQL, Windows.

## EDUCATION

**Master of Science:** Computer Science, 05/2018

**Fairleigh Dickinson University** - Teaneck, NJ

**Bachelor of Science:** Computer Science, 04/2015

**Jntuk - Kakinada**