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# Summary

Summary

* 4+ years of experience as a Python Developer, and client coder in multiple languages and experience in the Design, Development,

and Implementation of Python, Django, client-server technologies-based applications, RESTful services, and SQL.

* Well-Versed in Agile with SDLC, Waterfall Model, and Test-driven development methodologies.
* Proficient in developing web applications using Python, Django, and Flask frameworks.
* Experience in working on various Python packages and Tools such as NumPy, Pandas, Web2py, and CherryPy.
* Proficiency in developing web-based applications using Python, HTML, CSS, JavaScript, Ajax, XML, JSON, jQuery, Restful

API, and Redux.

* Understanding of writing SQL Queries, Stored procedures, functions, packages, tables, views, and triggers using a relational

database like MySQL.

* Proven Knowledge of version control systems using Git/GitHub and issue-tracking tools like Jira.

# Experience

## Python Developer

Involve Analysis, Design, Development, and Testing of applications using the Agile Model.

* + Understanding user requirements, and designing and developing back-end applications using Python and Django.
  + Work with various Python Integrated Development Environments like Visual Studio Code, and Jupyter Notebook.
  + Optimize the application performance by a large margin by reducing the time to load application pages from 20 seconds to 500

ms. and implemented a Disaster Recovery test (DR Test) for the database.

* + Generate various capacity planning reports (graphical) using Python packages like NumPy and Pandas.
  + Develop and tested many features for the dashboard, created using Bootstrap, CSS, and JavaScript.
  + Use Python and Django to create graphics, XML processing, data exchange, and business logic implementation
  + Successfully migrate the Django database from MySQL with complete data integrity.

## Python Developer

Softtech

Aug 2018 - Aug 2018 (1 month)

Worked on Waterfall methodology, and attended daily stand-up, showcase, and sprint retrospective meetings.

* + Built SQL queries for performing various CRUD operations like create, update, read, and delete.
  + Designed and developed web applications using Flask web framework for Python models or scripts.
  + Worked on data cleaning and reshaping, generated segmented subsets using NumPy and Pandas in Python.
  + Used Flask to connect front-end to back-end, CherryPy to build the server, and word clouds to visualize movies.
  + Ensured adherence to SMBC database standards and deployed features on Azure Server using Azure DevOps.
  + Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, HTML, CSS,

JavaScript, Bootstrap, jQuery, and REST API calls.

* + Wrote unit test cases for every python function added or changed.
  + Performed operations like Data reconciliation, validation, and error handling after Extracting data into SQL Server.

# Education

## New York Institute of Technology

Master, Computer Science

## Vishwakarma Institute Of Technology

B. Tech, Computer Engineering

# Skills

agile • api • capacity planning • css • cvs • database administration • design • disaster recovery planning • features • graphical user interface • SDLC • Agile • Waterfall • Python • SQL • Django • Flask • Visual Studio Code • Jupyter Notebook • Pycharm • NumPy • Pandas • Web2py • CherryPy • HTML • CSS • JavaScript • Bootstrap • jQuery • Ajax • JSON • XML • SQL Server • MySQL • SQLite • Git • GitHub • Windows • Linux