**Technologies: TDS Telecom Software Engineer**

**API / Web Service Frameworks**

FastAPI, AIOHTTP, Flask, Django, Django REST Framework, HTTPX, Swagger Documentation, Swagger Specification, jQuery, jQuery DataTables

**Data / Data Flow Frameworks**

Apache Kafka, Faust, RabbitMQ, Celery, Oracle, cx\_Oracle, SQLAlchemy, PL/SQL, Couchbase

**Testing / Code Quality Frameworks**

pytest, Flake8, tox, SonarQube, python-versioneer

**Continuous Integration / Continuous Delivery**

Jenkins, GitLab Webhooks, Python Package / Image building, Red Hat OpenShift Pods / Containers, Distributed Systems

**General Python Libraries**

asyncio, pydantic, NumPy, pandas

**General Technologies**

Git, GitLab, Linux administration, Elasticsearch, Kibana, Jira, Agile

**Design**

Object Oriented Programming, functional programming, asynchronous and synchronous design

**Patterns**

Factory, adapter, decorator, chain of responsibility, observer, prototype, iterator

**Languages**

Python 3.8, Python 3.6, Jinja2, HTML / CSS / JS

**Roles / Duties / Achievements**

* **Python 3.6**: Designed, developed, deployed, and maintained an Apache Kafka data flow framework across a distributed system that provides customer data to various downstream, customer-facing TDS Telecom applications.
* **Python 3.8**: Designed, developed, deployed, and maintained various APIs, Adapters, and Kafka services for the management and delivery of customer data in TDS Telecom’s transition to Salesforce’s customer data model.
* **Python 3.6**: Designed and developed Django-based web services to replace deprecated TDS Telecom desktop applications used by TDS Telecom employees.
* **Deployment**: In charge of the majority of Python app deployment for my team. Deployments utilized Jenkins along with CI/CD principals to serve applications to distributed systems either on Virtual Machines or Red Hat OpenShift Pods and Containers.
* **Interviews**: Ran technical coding sections of interviews for prospective Python contractors.
* **General**: Experience in independent problem solving, tech leading projects, delegation of work to other developers, and the general workflow of 2-week Sprint cycles.