

## CONTRAINERIZE THE APP

|              |                        |
|--------------|------------------------|
| TEAM ID      | PNT2022TMID29528       |
| PROJECT NAME | CUSTOMER CARE REGISTRY |
| DATE         | 17.11.2022             |

### DOCKERFILE:

```
# Use base UBI image
FROM registry.access.redhat.com/ubi8/python-39:1

WORKDIR /opt/app-root/src

COPY Pipfile* /opt/app-root/src/

USER root
RUN yum -y install --disableplugin=subscription-manager wget \
    && yum --disableplugin=subscription-manager clean all

RUN pip3 install --upgrade pip==21.3.1 \
    && pip3 install --upgrade pipenv==2020.11.15 \
    && pipenv install --dev

# Update python command to point to python3 install
RUN alternatives --set python /usr/bin/python3

ENV FLASK_APP=server/__init__.py
ENV FLASK_DEBUG=true

COPY . /opt/app-root/src
COPY run-dev /bin
RUN chmod 777 /bin/run-dev

ARG bx_dev_user=root
ARG bx_dev_userid=1000

RUN BX_DEV_USER=$bx_dev_user
RUN BX_DEV_USERID=$bx_dev_userid
RUN if [ "$bx_dev_user" != root ]; then useradd -ms /bin/bash -u
    $bx_dev_userid $bx_dev_user; fi

CMD ["/bin/bash"]
```

### DOCKERFILE TOOL:

```
FROM python:3.6.5-alpine
WORKDIR /app
ADD . /app

RUN set -e; \
    apk add --no-cache --virtual .build-deps \
    gcc \
    libc-dev \
    linux-headers \
    mariadb-dev \
```

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```
        python3-dev \
        postgresql-dev \
    ;
COPY requirements.txt /app
RUN pip install -r requirements.txt
CMD ["python","app.py"]
```