It is assumed that Python is installed on the user's machine (it is usually prepackaged with macOS and Linux environments)

Usually most of the softwares listed below work for all the major operating systems including Windows but I have specified only macOS and Linux as these two would work for sure with the commands given. With Windows some tweaks need to be done in most cases.

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Flask	Free			https://pypi.python.org/pypi/Flask	None specific	
1.	Virtualenv	Free			https://pypi.python.org/pypi/virtualenv	None specific	
1.	virtualenvwrapper	Free			https://pypi.python.org/pypi/virtualenvwrapper	None specific	
2.	Twitter Bootstrap	Free			http://getbootstrap.com/getting-started/	None specific	
2.	ccy	Free			https://pypi.org/project/ccy/	None specific	
2.	Moment.js	Free			http://momentjs.com/	None specific	
3.	Flask-sqlalchemy	Free			https://pypi.python.org/pypi/Flask-SQLAlchemy	None specific	
3.	requests	Free			https://pypi.org/project/requests/		
3.	Flask-Migrate	Free			https://pypi.python.org/pypi/Flask-Migrate		
3.	Redis	Free			https://pypi.python.org/pypi/redis		
3.	Flask-mongoengine	Free			https://pypi.python.org/pypi/flask-mongoengine/		
5.	Wtforms	Free			https://pypi.python.org/pypi/WTForms		
5.	Flask-WTF	Free			https://pypi.org/project/Flask-WTF/		
6.	Flask-Login	Free			https://pypi.python.org/pypi/Flask-Login		
6.	pyOpenSSL	Free			https://pypi.org/project/pyOpenSSL/		
6.	Flask-Dance	Free			https://pypi.org/project/Flask-Dance/		
6.	python-ldap	Free			https://pypi.org/project/python-ldap/		
7.	Flask-Restful	Free			https://pypi.python.org/pypi/Flask-RESTful		
7.	requests	Free			https://pypi.org/project/requests/		
8.	Flask-Admin	Free			https://pypi.python.org/pypi/Flask-Admin		
8.	CKEditor.js	Free			https://ckeditor.com/ckeditor-4/download/		
9.	Flask-Babel	Free			https://pypi.python.org/pypi/Flask-Babel		
10.	sentry-sdk	Free			https://pypi.org/project/sentry-sdk/		
10.	Nose	Free			https://pypi.org/project/nose/		
10.	geoip2	Free			https://pypi.org/project/geoip2/		
10.	Coverage	Free			https://pypi.python.org/pypi/coverage		
11.	mod_wsgi	Free			https://modwsgi.readthedocs.io/en/develop/installation.html		
11.	Nginx	Free			https://www.nginx.com/resources/wiki/start/topics/tutorials/install/		
11.	uwsgi	Free			http://uwsgi-docs.readthedocs.org/en/latest/Install.html		
11.	gunicorn	Free			https://pypi.python.org/pypi/gunicorn/		
11.	supervisor	Free			https://pypi.python.org/pypi/supervisor/		
11.	Tornado	Free			https://pypi.python.org/pypi/tornado/		
11.	boto3	Free			https://pypi.org/project/boto3/		
11.	newrelic	Free package but SaaS service is paid	Yes		https://pypi.org/project/newrelic/		
11.	Heroku CLI	Free			https://devcenter.heroku.com/articles/heroku-cli#download-and-install		
11.	AWS Elastic Beanstalk setup	Free package but charged by AWS as per usage	Yes		https://github.com/aws/aws-elastic-beanstalk-cli-setup		
12.	Docker	Free			https://docs.docker.com/install/		
12.	Minikube	Free			https://kubernetes.io/docs/tasks/tools/install-minikube/		
12.	zappa	Free			https://pypi.org/project/zappa/		
13.	Flask-WhooshAlchemy	Free			https://github.com/gyllstromk/Flask-WhooshAlchemy		
13.	elasticsearch python library	Free			https://pypi.org/project/elasticsearch/		
13.	Elasticsearch	Free			https://www.elastic.co/downloads/elasticsearch		
13.	Flask-Caching	Free			https://pypi.org/project/Flask-Caching/		
13.	Flask-Mail	Free			https://pypi.python.org/pypi/Flask-Mail		
13.	Celery	Free			https://pypi.python.org/pypi/celery		