

Summary

Python Developer with 3 years of experience with good analytical and critical thinking skills. Delivers a proactive approach, great work ethic, and the ability to function well in fast-paced/deadline-driven team environments. Eager to learn new skills and technologies.

Education

Master of Science: Advanced Data Analytics

University of North Texas - Denton, TX

- This course work provided me an overview of quantitative methods essential for analyzing data, with an emphasis on business and industry applications. Gained hands-on experience on various tools and technologies such as **BigQuery with GCP**, statistical tools such as **SAS**, visualization tools such as **Google Data Studio** and **Tableau**, Deep Learning using **Python** with libraries like Numpy, Pandas, TensorFlow, Matplotlib, Keras, etc.

Master of Technology: Machine Learning And Computing, 05/2020

K L University - Vijayawada, IN

- This course work provided me detailed knowledge on **machine learning** and **deep learning** concepts with real-time applications. Gained hands-on working experience with Machine Learning algorithms such as **Classification** and **Prediction** algorithms like Linear Regression, SVM, KNN, Naive Bayes, etc. and, **Python libraries** such as Numpy, Pandas, Matplotlib etc. Awarded with a **Presidential Gold Medal** for academic excellence.

Bachelor of Technology: Computer Science And Engineering, 05/2016

JNTU - Hyderabad, IN

- Bachelors in Computer Science with 72.25%.

Publications

Published a paper entitled “**Mobile SMS Spam Filter Techniques using Machine Learning Techniques**” In International Journal Of Scientific Technology and Research.

- The base point of this research work is, differentiating the messages which are legitimate or not.
- To compare between these messages, I have used various machine learning algorithms to predict the messages and calculate the accuracy criterion by using the SMS Spam dataset.
- I have used word tokenization for segmenting the message in keeping with phrases, characters or symbols. Also, used vectorization to convert the text into appropriate numerical values.
- Used **Python**, PyCharm IDE , Python libraries such as **TensorFlow**, **Pandas**, etc.

Skills

- Python
  - Flask
  - Microservices and REST APIs
  - AWS Elastic BeanStalk
  - BigQuery with GCP
  - Pandas, Numpy, Matplotlib, Keras, TensorFlow
  - HTML, CSS and JavaScript
  - SQL
  - Caching using Redis
- Machine Learning
  - Tableau
  - Data Analytics using SAS
  - OpenRefine
  - Splunk
  - Github & Bitbucket
  - Jenkins , CI/CD
  - Agile & Scrum
  - JIRA, Confluence & ServiceNow

Experience

Associate Technical Engineer, 08/2020 to 04/2021

Amgen Inc. – West New York, NJ

- Worked on various projects like Enrollment, SIS, Gradebook for US K-12 system using **Python** and **Flask** web frameworks.
- Designed and developed scalable APIs using Python Flask.
- Created reports on student performance using **MySQL**.
- Proficient in **Test Driven Development (TDD)** and unit testing using Unit Test/PyTest.
- Used **Jenkins** to build microservices and integrated to deploy in **AWS Elastic BeanStalk**.
- Also used **web scraping** python tools such as Beautiful soup, etc.
- Participated in requirement gathering and closely worked with product owners and other stakeholders.

Python Developer Intern, 04/2020 to 08/2020

Do It Best Corp – Montgomery, NY

- Responsible for design and development of Loan application admin portal using **Python** based APIs(RESTful web services) by using **Flask**, **SQLAlchemy** and **MySQL**.
- Worked with Matplotlib and Pandas python libraries for analysis and manipulation of data.
- Implemented Restful web service to interact with **Redis Cache framework**.
- Generated Python Flask web forms to record data of online users and developed numerous highlights for dashboards utilizing Python, CSS, JavaScript and jQuery.
- Worked on various Python IDE's like PyCharm, Visual Studio Code, Sublime Text, Anaconda and Jupyter Notebook.
- Produced supporting reports and documentation to help development team members complete project work.

Software Developer Intern, 08/2019 to 01/2020

Abt Associates – Cambridge, MA

- Developed a web application using **Python**, **HTML**, **CSS** using **Flask** web framework and developed **RESTful micro-services** using Python.
- Created a chatbots for a web application using **NLTK** packages and chatterbot python library and also used machine learning algorithms.
- Rewrote existing python modules into reusable APIs to deliver data in a certain format. Also, used **MySQL** as the data management system.
- Used Python Library Beautiful Soup 4 for Web Scraping to separate information for building diagrams.
- Responsible for development using Python 3.7, bug fixing and unit testing of APIs using **PyTest**.

Associate Analyst, 10/2016 to 08/2018

Wipro Ltd. – City, STATE

- Experience with **Pandas python libraries** and maintaining APIs for the application using **Python**.
- Used Python for data analytics, data wrangling and extracting data using Pandas, NumPy and SciPy.
- Designed data patterns and trends through spatial mapping using **Python REST APIs** for Google Maps.
- Analyzed, designed, developed and implemented difficult and complex multi-tiered applications using Python, JavaScript and worked with databases like **MySQL**.
- Responsible for evaluating QA content for testing and implementation processes.
- Awarded as a Best Employee.