

Software Engineer/Data Engineer Software Engineer/Data Engineer Software Engineer/Data Engineer - CODING TEMPLE Chicago, IL Full-stack developer with hands-on experience in many facets of development including web forms, interactive databases, encrypted data access, and data science. Demonstrated proficiency in an array of different web technologies. With a strong understanding of data applied knowledge in every aspect of Data Science. Using Numpy, Pandas, and SQL, I implemented different Machine Learning algorithms using sci-kit learn, applied optimization techniques to them and then tuned the hyper-parameters by following various performance metrics for building better predictive models. ? Experience as a software programmer using Python, Flask, PostgreSQL, ReactJS HTML ? Experience in object-oriented programming(OOP) concepts using Python ? Experience in frameworks like Flask, Angular, and Bootstrap UI ? Expert knowledge of and experience in Object Oriented Design and Programming Algorithms ? Experience with design, code, and debugging operations, reporting, data analysis, and web applications using Python ? Developed dynamic web pages to view the reports utilizing Django framework. ? Expertise in transforming business requirements into building models, designing algorithms, developing data mining and reporting solutions that scales across massive volume of unstructured data and structured. ? Proficient in Machine Learning techniques (Decision Trees, Linear/Logistic Regressors, Random Forest, SVM, Bayesian, XG Boost, K-Nearest Neighbors) and Statistical Modeling in Forecasting/ Predictive Analytics, Segmentation methodologies, Regression based models, Hypothesis testing, Factor analysis/ PCA, Ensembles. ? Experience in designing visualizations using Tableau and PowerBI software and Storyline on web and desktop platforms, publishing and presenting dashboards. ? Hands on experience in implementing LDA, Naive Bayes and skilled in Decision Trees, Random Forests, Linear and Logistic Regression, SVM, Clustering, neural networks and proficient knowledge on Recommender Systems. ? Highly skilled in using visualization tools like Tableau, Matplotlib for creating dashboards. ? Extensive working experience with Python including Scikit-learn, Sci-py, Pandas and Numpy developing machine learning models, manipulating and handling data. Work Experience Software Engineer/Data Engineer CODING TEMPLE - Chicago, IL January 2018 to Present

Developed web applications using HTML, CSS, JavaScript, AngularJS, Python, Django, and SQL..

? Developed dynamic front and backend applications using Python, Flask frameworks.

? Data Analysis, Data Wrangling and development of algorithms in R and Python for data mining and analysis

? Python NumPy, SciPy, Pandas packages to perform dataset manipulation

? Utilized CSS to make the application responsive/ designed and developed the UI of the website using HTML, AJAX, CSS, and JavaScript.

? Designed various time series forecasting models to predict the various major metrics

Used

? Responsible for Creating/maintaining complex sql queries, custom queries, views, and stored procedures.

? Understanding, ingesting and querying data using SQL and ensure smooth flow end to end

? Python for manipulating and looping through different user defined objects

? Developed User Interface using front-end technologies like HTML, CSS, JavaScript

Environment: Python, Flask, JavaScript, Pandas, SQL, MySQL, MongoDB

Jr. Python Developer/Jr. Data Scientist CAMSOFT INC - Bridgewater, NJ January 2016 to December 2018

Work in a fast-paced environment while ensuring product quality

? Created Business Logic using Python to create Planning and Tracking functions

? Used Pandas API to put the data as time series and tabular format for fast timestamp data manipulation and retrieval

? Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution

? Used SQL database in MySQL, PostgreSQL, SQLite and MongoDB.

? Experience using Web Services and API's in Python

Environment: Python, Flask, JavaScript, Pandas, SQL, MySQL

Education Wayne State University- Irvin D Reid Honors College - Detroit, MI 2011 to 2015

Skills JAVASCRIPT (3 years), MYSQL (3 years), PYTHON (3 years), SQL (2 years), DATABASE (3 years)

Links <http://vamsiatluru.com>

Additional Information

TECHNICAL SKILLS

Programming Languages Python, Java, JavaScript, HTML5, CSS3, SQL, R

Web Technologies/Development Numpy, Pandas, Flask, jQuery, AJAX, JSON, Frameworks BootstrapUI

Database SQL, MySQL, SQLite, Mangodb

Tools/Methodologies GitHub, Tableau, Anaconda, Jupyter Notebook, Atom, Agile

Software Development, Scrum, Data Modeler, Tableau

Cloud Technology

Software Microsoft Office (Word, Excel, PowerPoint)

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