

Python Developer Python Developer Python Developer Fremont, CA Around 5 years of strong experience as a Software Engineer and Python Developer. Extensive experience in Python, Django framework in developing web-based applications. Worked with python libraries like NumPy, Pandas, SciPy. Good Knowledge on Machine Learning Concepts like Regression, Classification and Clustering algorithms, Dimensionality reduction, boosting and Basic knowledge on Natural Language Processing. Familiar with Data Processing such as Data cleaning, Data parsing and Data analysis and Python modules such as requests, Beautiful Soup, urllib. Strong Knowledge on Distributed Systems concepts (Remote Procedure Call, Transactions and Concurrency, Mutual Exclusion, Consistency, Distributed Hash Table, Snapshot Algorithms). Familiar with JSON based REST Web services and Amazon Web services. Proficient in writing SQL queries, Tables, Views, functions, Stored Procedures, Triggers on MYSQL and PostgreSQL. Worked on Agile/Scrum methodologies. Good Experience in Linux Bash scripting, Linux Commands and following PEP8 Guidelines in Python. Skilled in debugging/troubleshooting issues in complex applications. Strong Knowledge of Data Structures, Algorithms, and Design Patterns. Experience with full development life cycle tools like Git, Jenkins, Ant. Highly motivated and detail-oriented python programmer with ability to learn quickly and apply new tools and technology.

Work Experience Python Developer American Airlines - Phoenix, AZ June 2018 to June 2018

Responsibilities: Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing, Implementation and support. Worked on Libraries like Pandas, NumPy, SciPy for data manipulation and analysis. Good in using Python features: Python Data Structures, Lambda Expressions, PEP8 standardization. Familiar with three main processes: Data Crawling, Data Parsing and Data Analysis. Experience in writing Complex Queries, Sub Queries, Stored Procedures and Triggers. Built database structure and wrote PostgreSQL queries. Experienced and used Test Driven Development in the development of the code. Python Unit test library was used for testing many programs on Python and other codes. Developed web services that make database calls for inserts, updates, and select queries. Excellent Experience and knowledge in using XML, Json, REST web Service for inter operable software applications. Worked on creating

the Docker containers and Docker consoles for managing the application life cycle. Setup Docker on Linux and configure Jenkins to run under Docker host. Worked as part of an Agile/Scrum based development team and exposed to TDD approach in developing applications. Environment: Python 3.6, Pandas, NumPy, PyCharm Git, Agile, Jenkins, PostgreSQL, Visual Studio Code, Linux (Ubuntu). Python Developer T Mobile - Atlanta, GA June 2017 to April 2018 Responsibilities: Worked in Agile development following scrum process, Sprint and daily stand-up meetings. Dealt with Django frameworks for web applications. Plan, design, review and maintain python-based applications and solution. Worked on different Rest API's and involved in handling the JSON responses of those API's. Designed a web page effectively and responsive using HTML, CSS, JavaScript. Generated Python Django Forms to record data of online users. Wrote Python scripts to parse JSON documents and load the data in the database. Participated in Version controlling process using GitHub, Git. Experience in Test Driven Development methodology. Environment: Python, Django, SQL, SciPy, Amazon AWS EC2, S3, PyUnit, Agile. Python Backend Developer Tunie - Chennai, Tamil Nadu March 2014 to July 2016 Responsibilities: Analyzed system requirements specifications and involved in client interaction during the Requirements specifications. Developed entire backend modules using Python on Django Web Framework. Managed large datasets using Panda data frames and SQL. Wrote Python scripts to parse XML documents and load the data in database. Hands on experience in using MySQL dB, Python API. Hands on experience in using NumPy python API. Designed and maintained database schemas using normal forms to eliminate data redundancy. Worked on writing and as well as reading data from CVS and Excel file formats. Environment: Python, Django, SQL, MySQL, HTML, CSS, JavaScript, Linux (Ubuntu). Education Master of Science in Computer Science Binghamton University, State University of New York - Binghamton, NY May 2018 Bachelor of Engineering in Computer Science and Engineering Madras Institute of Technology, Anna University - Chennai, Tamil Nadu May 2016 Skills VISUAL STUDIO, DJANGO, Git, HTML, JAVASCRIPT, MYSQL

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