

Python Developer Python Developer Python Developer - Independent Health. San Jose, CA ? 4+ years of experience as a Python Developer and object-oriented programming (OOP) coding with Python, Flask, SQL. ? Experience in all phases of Software Development Life Cycle (SDLC)-Waterfall, Agile Process across various workflows (Requirement study, Analysis, Design, Coding, Testing, Deployment and Maintenance) in Web & Client/Server application development. ? Hands-on experience in SOAP and RESTful web services. ? Hands-on experience in relational database connections like DB-API connection management and query based access to databases like PostgreSQL and MySQL in Python. ? Experienced in frameworks like Django, Angular.js, JavaScript, JQuery and Node.js. ? Having working Knowledge of Amazon AWS S3. ? Expert knowledge of Object-Oriented programming (OOP) concepts using Python, C++ and PHP. ? Extensive experience in developing web applications using Python, Django, Flask frameworks. ? Experience in working with several python libraries including NumPy, matplotlib, SciPy. ? Good experience of software development in Python (libraries used: libraries- NumPy, SciPy, Matplotlib, Pandas data frame, for database connectivity) ? Hands-on experience with industry-standard IDEs like PyCharm, Sublime, and NetBeans. ? Expert at version control systems like Git. ? Proficient in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like Oracle, MSSQL Server. ? Experience in using XML, SOAP, REST web Service for inter operable software applications. ? Experience in Agile development processes ensuring rapid and high quality software delivery. ? Highly motivated, quality minded developer, with proven ability to deliver applications against tight deadlines. ? Excellent interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.

Work Experience Python Developer Independent Health - Buffalo, NY March 2016 to Present Description: Headquartered in Buffalo, New York, A not-for-profit health plan that continually aims to provide our community with innovative health-related products and services, which enable affordable access to quality health care. The project aims to provide the company with data to develop evidence-based health policy decisions as well. Responsibilities: ? Created python code to process parsed lidar csv points into relevant clearance points ? Created C++

program to parse lidar binary bin files. Solved bugs, debugging etc. ? Worked on React front-end to display Lidar points. ? Wrote algorithms for clearance exceptions data. ? Wrote Django unit tests for web application, tested if API request met response. ? Wrote Unit test for RESTAPI using Mocklibrary, unit testing and fixture testing at system level. ? Developed and designed Python based API (RESTful Web Service) to interact with company's website. ? Developed Business Logic using Python on Django Web Framework. ? Wrote Python code and actively participated in the procedure to automate processes. ? Implemented Python code to fix bugs and provides upgrades to existing functionality. ? Provided fault isolation and root cause analysis for technical problems. ? Highly efficient in handling multi-tasking issues in a fast paced environment. ? Created Business Logic using Python to create Planning and Tracking functions. ? Used Pandas data mining library for statistics Analysis & NumPy for Numerical analysis. ? Developed multi-threaded standalone app in Python view Circuit parameters and performance. ? Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. ? Designed and managed API system deployment using fast http server and Amazon AWS architecture. ? Used Django configuration to manage URLs and application parameters. ? Developed user interfaces using HTML5 and JavaScript. ? Created a Git repository and added the project to GitHub. ? Utilized Agile process and JIRA issue management to track sprint cycles. ? Wrote validation scripts in SQL to validate data loading. ? Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Environment: Python, C++, Django, REST/AJAX, PostgreSQL, HTML/CSS/JavaScript, JQuery, AWS (S3, EC2, SQS), JIRA, GIT, Libraries: SciPy, NumPy, Pandas, Matplotlib, Scikit-learn. Software Engineer (Python) Meridian Software Technology - IN December 2010 to February 2012 Responsibilities: ? Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solutions. ? Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. ? Developed entire frontend and backend modules using Python on Django Web Framework. ? Designed and developed data management system using MySQL. ? Rewrite existing Java application in Python module to deliver certain format of data. ? Developed Python

batch processors to consume and produce various feeds. ? Created test harness to enable comprehensive testing utilizing Python. ? Wrote Python scripts to parse XML documents and load the data in database. ? Handled all the client side validation using JavaScript. ? Performed testing using Django's Test Module. ? Used python scripts to update content in the database and manipulate files. ? Generated Python Django Forms to record data of online users ? Developed the required XML Schema documents and implemented the framework for parsing XML documents. ? Used JQuery for selecting particular DOM elements when parsing HTML. ? Worked with JSON based REST Web services. ? Using GIT version control tool to coordinate team-development. ? Responsible for debugging and troubleshooting the web application. Environment: Python, Django, Java, XML, JQuery, JavaScript, JSON, Rest, GIT, MY SQL, Windows and LINUX. Education Master's Skills MySQL Additional Information TECHNICAL SKILLS: Operating Systems MS Windows, Linux/Unix Languages Python IDE's PyCharm Databases SQL Server Frameworks Django, Flask Version Controls SVN, GitHub, Git Methodologies Agile/Scrum

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