

Data Engineer/ Python Developer Data Engineer/Python Developer Data Engineer/ Python Developer - Medmeme, NY Princeton, NJ Authorized to work in the US for any employer Work Experience Data Engineer/ Python Developer Medmeme, NY 2017 to Present Technology stack: Python, JavaEE, Web scraping, MapR DB, PostgreSQL, AWS EC2, AWS S3, Apache Drill, StreamSets, Apache TIKA Worked hands on in AWS development and production environments. Deployed and maintained code across AWS environments. Scraped and collected data from various sources for approximately 50 million records. Analysed data with sklearn python module and applied topic modeling technique for our labeled data Applied named entity recognition on unstructured data to build meaningful records. Developed Java components to clean and clear noise in data using customized Boilerplate library and integrated it to the data pipeline. Developed a web crawler capable of crawling the world wide web using machine learning techniques. Involved in full software development project life cycle in Agile methodology. Software Development Engineer Duke Energy - Charlotte, NC 2015 to 2017 Technologies: Java, Java EE, JavaScript, XML, Hibernate, Spring, RESTful, Webservices, Oracle 11g, Eclipse Performed full lifecycle software development, including formulating a survey application that published survey results in the required format with detailed results. Streamlined the ability of users to find current content via design and implementation of a search functionality used to search for specific words or phrases. Compiled key data by leading requirement gathering meetings and subsequently incorporating findings in application design. Implemented J2EE standards, MVC2 architecture using Spring Framework. Implemented SPRING MVC architecture to develop presentation tier and business layer using components like dispatcher Servlet, extensively used spring ORM template for communicating the database. Used Spring 2.0 Managed beans to use windows session state framework to persist session to the database. Involved in development of REST APIs that allow sophisticated, effective and low-cost application integration. Integrated Spring, hibernate frameworks to work with one another. Used Source Integrity tool to build and deploy the application. Backend application layer is implemented using Spring in WebLogic Application Server environment. Software Design Engineer Intern GoodWorkLabs - IN 2013 to 2013

Performed comprehensive studies of various algorithms by investigating performance, design, and usability. Transformed the employee communicator application into a user-friendly tool by building and implementing a graphical user interface. Enabled sophisticated, effective, and low-cost application integration via participation in the development of REST APIs. Used Design patterns such as Service locator, Model View Controller, DAO, Singleton. Application was hosted in WebSphere Application Server environment. Involved in JUNIT testing for the component testing.

Education MS in Computer Science in Computer Science San Diego State University - San Diego, CA 2015 BS in Computer Science & Engineering Jawaharlal Technological University 2013 Skills Java, Python Links <http://www.vertiv.com> Additional Information Innovative and technology-minded Data Engineer with experience driving the performance, usability, and feasibility of applications and components. Overall 4+ years of experience Analysis, Design, Development, Implementation, and Testing of various stand-alone and client-server architecture-based enterprise application software in python on various domain. Proficient with various python libraries like SciPy, NumPy, Matplotlib, Pandas, PyTables, pickle to enhance the performance throughout the SDLC. Good working experience loading Data Files in AWS Environment and Performed SQL Testing on AWS redshift databases Experience in AWS creating of EC2 instances, using S3 for data storage, Lambda, cloud formation. Excellent understanding of business operations and analytical tools for effective analysis of data. Significant experience in requirements analysis, designing, developing, testing and implementing various applications across diverse technology platforms. Proficient with various DBMS like MySQL, PostgreSQL, MongoDB. Expertise in using Hibernate, extensively used Criteria Queries, Projections, Unidirectional and Bidirectional associations Extensive experience in implementing and consuming Web Services (REST). Extensive experience in Multi-Threading, implemented Thread pooling concept. Hands on experience with Integrated Development Environments (IDE's) tools like Eclipse and IntelliJ IDEA Expertise in various Web development technologies like JavaScript, JQuery, HTML and CSS. Expertise in developing and deploying J2EE applications on web and application servers like Tomcat, Weblogic, JBoss EAP and Web Sphere Good experience in writing SQL, PL/SQL (Procedures, Functions, Triggers, Views and

Cursors) Good experience in Change management using tools like SVN and GIT Motivated team player and self-starter with ability to work under minimal supervision possessing strong analytical, problem solving and great communicational skills Core Languages & Technologies: Cloud/Hadoop Technologies AWS EC2, AWS S3, AWS EBS, AWS Glacier, MapR DB, StreamSets, Apache Drill, Apache TIKA Data analytics Frameworks Spacy, Scrappy, sklearn, NumPy Java/JEE Technologies: Spring, Hibernate, Webservices, Servlets, JSP, MVC, JMS Scripting Languages: AngularJS, HTML, CSS, Javascript, JQuery Programming Languages: Python, Java, C, C++, SQL, PL/SQL, Swift, XML Databases: Oracle, Microsoft SQL Server, MySQL Application Servers: AWS, Weblogic, Apache Tomcat, IBM Websphere IDE Tools: PyCharm, Spyder, Eclipse, Android Studio, XCode Testing Junit, Mockito

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