

Graduate Teaching Assistant Graduate Teaching Assistant Graduate Teaching Assistant Albany, NY 2 years of experience in fields of Computer Science dealing with Python, Data Analytics, R, Data Mining, Data Visualization, Data Manipulation, AWS concepts and Java/J2EE Technologies like Core Java, JSP, Servlets, Javascript and JQuery. Excellent understanding of Python modules and Libraries. Manage data coming from different sources and involved in HDFS maintenance and loading of structured and unstructured data. Experience in writing SQL queries with Redshift, Oracle, MS SQL Server databases. Experience in data modeling, ETL development and Data Warehousing. Experience in AWS services like S3, Redshift, EMR, EC2, RDS, Athena, Glue, SQS, SNS, Lambda, IAM and Route53. Developed core modules in large cross-platform applications using JAVA, J2EE, Hibernate, Spring MVC, JSP, Servlets, JDBC, Amazon Web Services-EC2, S3 Buckets, JavaScript, XML, Angular JS4, CSS3, Bootstrap and HTML5. Designed Prediction Model using Data Mining Techniques with help of Python, LSTM, Twitter Rest API, Twitter Stream API and Libraries like NumPy, Tweepy, SciPy, Matplotlib, Pandas, Scikit. Detailed understanding of Software Development Life Cycle (SDLC) and worked methodologies including Waterfall and Agile. Excellent written, communication, presentation and interpersonal skills. A very good team player with the ability to work independently and ready to accept challenges and learn new technologies. Authorized to work in the US for any employer

Work Experience Graduate Teaching Assistant University at Albany, State University of New York January 2019 to May 2019 Teaching Assistant under Professor Jonathan Muckell for course Programming Hardware and Software. Provide guidance to students with Labs and Assignments. Helped students with projects. Graduate Research Assistant University at Albany, State University of New York August 2018 to May 2019 Working under professor Narendran Paliath on a topic of cyber security. Publish a paper with the help of professor on Access control problem. Graduate Student Assistant Grading Labs August 2018 to December 2018 Assisting students along with TAs in Labs and Assignment. Also, helping students in office hours with projects. Grading Labs, Assignments and exams of the course. Software Engineer Intern Arin Infotech December 2016 to May 2017 Environment: Java EE, MySQL, Apache Tomcat, HTML, CSS, Bootstrap, GitHub. Built web

applications using Java and frameworks of Java like Spring, Hibernate. Worked on a "Food Management Portal" that enables online food ordering and the portal can also be used in various restaurants for Paper Touch POS (Point of Sale) System. The client end was designed using HTML, CSS and Bootstrap and database connectivity was done using Java servlets. Python Developer Intern True Vision Technologies December 2015 to November 2016 Environment: Python, NumPy, Plotly, Pandas, Sklearn, Keras, Tweepy Create, Document and Maintain various tweets for data collection processes. Write code and learn how to use different dictionaries. Learn techniques for data mining and data modelling. Worked on data visualization techniques to increase usability & accessibility of the data. Education Master of Science in Computer and Information Sciences University at Albany (State University of New York) August 2017 to May 2019 Bachelor of Engineering in Computer Engineering Gujarat Technological University August 2013 to June 2017 Skills AMAZON DYNAMODB (Less than 1 year), Amazon Elastic Compute Cloud (Less than 1 year), Analysis Services (Less than 1 year), APACHE CASSANDRA (Less than 1 year), Python (1 year) Links <http://www.linkedin.com/in/helipatel13> Certifications/Licenses Oracle Certified Professional, Java SE 6 Programmer November 2015 to Present Additional Information TECHNICAL SKILLS: Languages: Python, R, Java, Java-J2EE Technologies, SQL, MapReduce, HTML5, CSS3, Bootstrap, JSTL, XML, JavaScript, Plotly.js, D3.js, Database MySQL, Oracle, NoSQL- HBase, Cassandra, Amazon Aurora, Redshift, DynamoDB Tools: PyCharm, Eclipse, Webpack, Gulp, PostgreSQL, MySQL Workbench, Apache Tomcat Server, SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), Tableau Cloud Technology: Amazon Web Services-EC2, S3 bucket, Redshift, EMR, RDS, VPC, IAM, Route53, Cognito, Athena, Glue, Elasticsearch, SQS, SNS, CloudWatch, Autoscaling

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