

A passionate and a hard-working developer. Seeking challenging opportunities in the field of technology.

EDUCATION

The University of Texas at Arlington, Arlington, TX	<i>Dec 2017(Expected)</i>
Master of Science, Computer Science	<i>GPA: 4.0/4.0</i>
Course Work: Algorithms, Software Engineering, DBMS Models & Implementation, Distributed Systems, Information Security, Machine Learning, Data Analysis & Modelling Techniques, Spatial/Temporal DB, Data Science	
Shri G. S. Institute of Technology and Science, Indore, India	<i>June 2014</i>
Bachelor of Engineering, Information Technology	<i>CGPA: 7.65/10.0</i>

TECHNICAL SKILLS

Programming Languages	C, C#, Java, SQL, PL/SQL, TSQL, Python
Big Data Technologies	Hadoop, MapReduce
Web Technologies	HTML, CSS, JavaScript
Databases	Oracle, Postgresql, MS SQL Server, MongoDB
Platforms	Linux/Unix, Windows
Tools	Eclipse, Visual Studio, Informatica, SSAS, IBM Cognos 10.1, Abinitio BRE, Tableau, Git

WORK EXPERIENCE

INFOSYS LIMITED, Pune, India	<i>May 2014-Dec 2015</i>
<i>Systems Engineer</i>	
Underwent training in Java, DBMS, Software Engineering, Informatica Client 9.5.1, Microsoft SQL Server Analysis(SSAS), IBM Cognos 10.1 to provide company support	
1. Capital Market Integrated Environment (CMIE): Abinitio BRE/ PL/SQL	<i>Nov 2014-Dec 2015</i>
<ul style="list-style-type: none">Replaced the existing legacy system in a financial service account- a de-normalized CMIE operational data warehouse, with a new system comprising of CMIE staging areaThe business transformations were applied using Ab Initio BRE and loaded using PL/SQL scripts into normalized data warehouse<u>Responsibilities</u>- ETL code development, requirement analysis, mapping document creation, business rules implementation in Ab Initio BRE, Oracle procedural SQL (PL/SQL) coding	
2. FLYPP: Microsoft SQL server 2008/Informatica Client 9.5.1/SSAS/IBM Cognos 10.1	<i>Aug 2014-Oct 2014</i>
<ul style="list-style-type: none">Formatted and normalized the extracted data from heterogeneous data sources and loaded into a data warehouseUsed the data in warehouse to generate daily and monthly reports to analyze the usage of different applications on the internet store<u>Responsibilities</u>- Track the number of user requests location wise, the number of requests from different types of handsets, user browsing pattern etc.	

ACADEMIC PROJECTS

Mobile Application Game (Pokemon Go!) Analytics: Python	<i>April 2017-May 2017</i>
<ul style="list-style-type: none">Extracted iOS and Android ratings from raw HTML files and organized the extracted values for data exploration using Pandas data frame. Found the statistical values, pairs of variables with high correlation and predicted the ratings for a datetime using cross validationExtracted unique image links from raw HTML files. Used TensorFlow to extract the tags from the screenshots and their corresponding probabilities	
Social Media Analytics: Python	<i>Feb 2017-March 2017</i>
<ul style="list-style-type: none">Collected data using Twitter API and conducted sentiment analysis by calculating polarity and subjectivity scoresCreated a word cloud and conducted topic modeling on the tweets to see geographic variations in opinions	
Document-Oriented NoSQL System: Java/ MongoDB	<i>Aug 2016</i>
<ul style="list-style-type: none">Converted relevant data from CSV to JSON format; loaded the resultant JSON documents into MongoDB using JavaConstructed complex MongoDB queries to retrieve data from the stored documents	
Pustak: Android	<i>Jan-May 2016</i>
Android based book-finding app that connects students to know the availability of books in libraries, online stores	
Data Mining from Semi-Structured Database Using Map-Reduce: Hadoop/MapReduce	<i>Oct 2013-Mar 2014</i>
Applied various datamining operations on a Food Reviews database (stored on a DFS on a 3 cluster node)	