

# Apurva Shrivastava

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<https://github.com/shrivastava-apurva>

## EDUCATION

<b>M.S Information Systems (GPA: 3.89)</b>	<b>Texas A&amp;M University, College Station</b>	<b>May 2018</b>
<ul style="list-style-type: none"><li><b>Teaching Assistant:</b> MVC, C#, CSS, HTML, and Advanced Excel</li><li><b>Coursework:</b> Adv. System Analysis &amp; Design, IS Design and Development, Engineering Data Analysis, Statistics</li></ul>		
<b>B.S Computer Science (GPA:3.74)</b>	<b>Jaypee Institute of Information and Technology, India</b>	<b>June 2013</b>
<ul style="list-style-type: none"><li><b>Coursework:</b> Data Structures, Algorithms, Software Engineering, OOP, Operating Systems</li></ul>		

## TECHNICAL SKILLS

<ul style="list-style-type: none"><li><b>Languages:</b> Java, C#, R, Python, SQL</li><li><b>Databases:</b> SQL Server, MySQL, Oracle,</li><li><b>Web Technologies:</b> React, Redux, JQuery, Bootstrap, JavaScript, HTML, CSS</li></ul>	<ul style="list-style-type: none"><li><b>Data/BI Technologies:</b> SSIS, SSAS, SSRS, Tableau</li><li><b>Tools:</b> Git, Bash, Microsoft Visual Studio, JIRA, HPQC, TFS, ServiceNow</li><li><b>Frameworks:</b> MVC, ASP.NET, ADO.NET</li></ul>
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## EXPERIENCE

<b>Software Developer Intern</b>	<b>PricewaterhouseCoopers, Dallas</b>	<b>June 2017 – August 2017</b>
<ul style="list-style-type: none"><li>Implemented invoice processing and reconciliation framework for vendors across tax vertical, facilitating daily reconciliation functionality to business</li><li>Created real-time reporting application monitoring vendor performance over key metrics using SSRS and C#</li><li>Spearheaded major UI revamps using Bootstrap, JQuery &amp; cshtml which overhauled PwC's budgeting web app</li></ul>		
<b>Software Engineering Analyst</b>	<b>Accenture Services Pvt.Ltd, India</b>	<b>December 2014 – July 2016</b>
<ul style="list-style-type: none"><li>Designed and developed modules in MVC framework relegating legacy mainframe system, resulting in faster processing of downstream data and reduced operational cost for client</li><li>Ideated and implemented multithreading and Task Parallel Library, reducing daily batch processing time by 30%</li><li>Collaborated and created Automated Unit Test Service (AUTS) tool; bringing down testing effort by more than 20%</li></ul>		
<b>Associate Software Engineer</b>		<b>August 2013 - November 2014</b>
<ul style="list-style-type: none"><li>Automated manual reporting by creating daily reporting tool leveraging SQL, cutting daily time consumption by 80%</li><li>Diagnosed and tuned performance of application by optimizing more than 20 SQL queries, implementing indexing and views on financial data suite</li></ul>		

## PROJECTS

<b>Quora Bookmark pdf downloader (2017)</b>
<ul style="list-style-type: none"><li>Developed a script in <b>Python</b> using Selenium, pyperclip and pdfkit which converts and exports all the bookmarked answers on a profile into pdf.</li></ul>
<b>Weather Trend App (2017)</b>
<ul style="list-style-type: none"><li>Developed an application using <b>React – Redux</b> and RESTful APIs which displays comparative trends of temperature, pressure and humidity over last week for selected cities via search functionality.</li></ul>
<b>Feature selection – Semiconductor manufacturing (2017)</b>
<ul style="list-style-type: none"><li>Evaluated SECOM (Semiconductor manufacturing process) data based on signals/variables collected from sensors and analyzed their efficiency against various quality metrics</li><li>Modeled Logistic regression model, LDA, QDA, KNN, CART, Random Forest, SVM.</li></ul>
<b>US Hospitals performance prediction (2017)</b>
<ul style="list-style-type: none"><li>Applied machine learning algorithms to find actionable insights for improvement in hospital efficiency and quality</li><li>Used PCA, LOOCV for model selection; applied clustering for segmenting and performed predictive modelling</li></ul>
<b>IMDB Trend Analyzer (2017)</b>
<ul style="list-style-type: none"><li>Designed enterprise data warehouse, dimensional data marts, ETL workflows and business intelligence reports for IMDB, consisting data of 10k+ movies.</li><li>Technology used: Tableau, Microsoft SQL Server, SSIS, SSRS and SSAS.</li></ul>

## CERTIFICATIONS & AWARDS

- Microsoft Certified Software Developer (MCSD)** in Web applications; **Tableau 10 Essentials** – Lynda.com
- Awarded yearly scholarship from Mays Business School, Texas A&M University
- Recipient of Instant Karma Award for outstanding performance in delivering critical projects on three occasions