

Apurva Shrivastava

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Portfolio: <https://shrivastava-apurva.github.io/>

EDUCATION

M.S Information Systems (GPA: 3.89) Texas A&M University, College Station May 2018

- **Teaching Assistant:** MVC, C#, CSS, HTML, and Advanced Excel
- **Coursework:** Adv. System Analysis & Design, IS Design and Development, Engineering Data Analysis, Statistics

B.S Computer Science (GPA:3.74) Jaypee Institute of Information and Technology, India June 2013

- **Coursework:** Data Structures, Algorithms, Software Engineering, OOP, Operating Systems

TECHNICAL SKILLS

- **Languages:** Java, C#, JavaScript, R, Python, SQL
- **Web Technologies:** React, Redux, NodeJS, Webpack, Babel, JQuery, Bootstrap, RESTful APIs, CSS
- **Databases:** SQL Server, MySQL, Oracle, Cassandra
- **Tools:** Git, Bash, Visual Studio, Eclipse, Atom, JIRA, HPQC, TFS, Confluence, ServiceNow, Postman
- **Frameworks:** MVC, Spring, ASP.NET, ADO.NET

EXPERIENCE

Software Developer Intern PwC, Dallas June 2017 – August 2017

- Implemented invoice processing and reconciliation framework for vendors across tax vertical, facilitating daily reconciliation functionality to business
- Created real-time reporting application monitoring vendor performance over key metrics using SSRS and C#
- Spearheaded major UI revamps using Bootstrap, JQuery & cshtml which overhauled PwC's budgeting web app

Software Engineer Accenture Services Pvt.Ltd, India August 2013 – July 2016

- Designed and developed modules in MVC framework relegating legacy mainframe system, resulting in faster processing of downstream data and reduced operational cost for client
- Ideated and implemented multithreading and Task Parallel Library, reducing daily batch processing time by 30%
- Collaborated and created Automated Unit Test Service (AUTS) tool; bringing down testing effort by more than 20%
- Automated manual reporting by creating daily reporting tool using C#, cutting daily time consumption by 80%
- Diagnosed and tuned performance of application by optimizing more than 20 SQL queries, implementing indexing and views on financial data suite

PROJECTS

Blogging application (2018)

- Created a personalized single page blogging application using **Redux** framework with basic blogging features and get post functionalities on API hosted on Heroku

Quora Bookmark pdf downloader (2018)

- Developed a script in **Python** using Selenium, pyperclip and pdfkit which converts and exports all the bookmarked answers on a profile into pdf

Weather Trend App (2017)

- Developed an application using **React – Redux** and RESTful APIs which displays comparative trends of temperature, pressure, and humidity over last week for selected cities via search functionality

Routing Algorithms for complex graphs (2017)

- Implemented routing algorithms to find maximum bandwidth path for complex graphs of 5000 nodes
- Measured performance of Dijkstra's algorithm and Kruskal's algorithm using **Java**

Feature selection – Semiconductor manufacturing (2017)

- Evaluated SECOM (Semiconductor manufacturing process) data based on signals/variables collected from sensors and analyzed their efficiency against various quality metrics
- Modeled Logistic regression model, LDA, QDA, KNN, CART, Random Forest, SVM

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