

# PRATIK PRAMOD SINGH

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## EDUCATION:

### University of Texas Arlington, Arlington, Texas.

2018 - 2020

Master of Science in Computer Science

- Major in Software Engineering and Database System.
- Cumulative GPA: 3.33/4.00

### University of Mumbai, Mumbai, India

2014 - 2018

Bachelor of Engineering in Computer Engineering.

- Cumulative GPA: 3.50/4.00

## EXPERIENCE:

### WEB DEVELOPMENT FREELANCER, Mumbai, India

2017- 2018

- Optimized website of client by using Minifier, Website caching and Database optimization using CMS.
- Responsible for the coding, design and layout of the website according to the client's specifications
- Maintained and updated the website, troubleshoot the website problems and monitor traffic.

## TECHNICAL PROFICIENCIES:

- **Languages:** Java, Python, C++, JavaScript, HTML, CSS, , PHP, XHTML, SQL.
- **Framework & Runtimes:** ReactJS, NodeJS, AngularJS, jQuery, JUnit, Selenium, Laravel, Bootstrap.
- **Databases:** MySQL, Oracle, SQLite, MongoDB.
- **Tools/IDE/Web Services:** Git, Eclipse, PyCharm, Visual Studio Code, NetBeans, REST/SOAP.
- **Cloud Platform:** Amazon Web Services(AWS), Microsoft Azure.
- **Operating Systems:** Linux, Unix, Windows, Mac OS

## PROJECTS

- **Secure Sharing Site (JavaScript, MySQL, jQuery)** **December 2019**  
It authenticates each user and multiple concurrent users can share "items". There are three types of SPS "users": general, admin and root. Root will grant all permissions to admin, and admin can approve any user. All the general users who have been authenticated may view, put, get, and remove items.
- **DMAIC: Data Analysis and Root Cause Analysis** **November 2019**  
The purpose of this project was to apply techniques such as the DMAIC method and, in particular, root cause analysis and data analysis method. To determine variation and poor performance (defects) and improve process performance by addressing and eliminating the root causes.
- **Portfolio Website (JavaScript, CSS3, HTML5, MySQL)** **November 2019**  
The website was developed using JavaScript, PHP, CSS, HTML, Bootstrap and later implemented on Laravel following the MVC to showcase my portfolio digitally to anyone interested to procure my services. The admin was made to login through the admin panel and can make changes to the website and separate a login page was developed for the visitors who were interested in reaching out to me.
- **Client Server Chat System (Java, Socket Programming)** **May 2019**  
Using Java, NetBeans IDE and TCP/IP connection, to create a concurrent Client-Server Model that can be used as a multiple-client chat box and a client-server command system to execute basic commands.
- **Application for University Activity Center (Java, Android)** **November 2018**  
This application was developed to help student to manage their activities related to the activity center and get the schedules of event going on in the center in which they can enroll themselves. We build it using various designing techniques and android studio.
- **Security Database Management (Java, HTML, MySQL, CSS)** **December 2018**  
The multi-functional database was designed to keep track of the information about an DBMS subsystem for managing discretionary access control. The tool used to develop it were MySQL along with PHP,HTML, and CSS for proper user interaction.
- **Smart City Traveler (Java, Android, Foursquare )** **May 2018**  
The application takes cost and time as a parameter from the user and provides them with multiple travelling itineraries that fulfill their requirements.
- **Website For a Dental Clinic (JavaScript, CSS, PHP, HTML, MySQL)** **December 2017**  
The website developed allowed the patient to register, book slots and appointments for their routine as well as new checkups.