

# Anshul Prakash

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## SUMMARY

An autodidact and organized IT professional with 3 years of industry experience coupled with strong work ethic, able to effectively accomplish assigned tasks creatively within a team environment.

## EDUCATION

<b>M.S. in Management Information Systems</b> , GPA: 3.8	<b>Texas A&amp;M University</b>	May 2018
<b>B.Tech. in Electronics &amp; Communication Engg.</b> , GPA: 3.8	<b>VNIT, India</b>	July 2006 – May 2010

## PROGRAMMING LANGUAGES AND TECHNOLOGIES

**Languages:** Java, Python, R, C#, C++, SQL, Hadoop - MapReduce

**Databases:** MS SQL Server (SSIS, SSRS, SSAS), MySQL, Oracle, DB2

**Web Technologies:** J2EE, HTML5, CSS, JavaScript, AJAX, JSON, XML, jQuery

**Others:** Git, MS Excel (VBA, Pivot Table), Linux, Agile, Tableau, MS SharePoint, MS Office suite

### Certifications & Training:

- Tableau 10 Essential Training by Lynda.com
- Python Data Science Toolbox by DataCamp
- Full Stack Web Developer Nanodegree(pursuing) by Udacity

## EMPLOYMENT

<b>Assistant Manager</b>	<b>State Bank of India, Lucknow, India</b>	<b>March 2015 - April 2016</b>
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- Renovated IT infrastructure; attained paperless pension process, decreasing waiting from 8 to 2 days
- Researched and evaluated technology solutions and presented them for improved system operations

<b>Java Developer</b>	<b>Infosys, Pune, India</b>	<b>June 2010 – August 2012</b>
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- Designed and developed applications using **J2EE** technology for a Fortune 500 Company
- Conceptualized solutions for client's requirements using **AJAX** and **JQuery**; conducted feasibility analysis and presented solutions to client, bringing in project worth 40 million USD
- Optimized databases and took part in re-architecture and redesigning of the database to improve speed of the application; reduced response time for application by 10-16%
- Mentored 2 new hires in **SQL** and **Java** development; directed workshop to design prototype models, transferring skills and knowledge; expedited on-boarding process

## PROJECTS

- **Dominick Finer Food (DFF), Data Warehouse Creation and Reporting:** Created staging and data warehouse area using **MS SQL Server 2012** and performed ETL activities on raw data. Generated reports consisting of bar graphs and pie charts using **SSAS, SSRS and Report Builder 3.0**
- **Python based Password Generator:** Developed tool using **Python 3** to generate a complex password of any length, consider user preferences for each of the characters in the password
- **Website Blocker:** Designed and implemented a URL blocker using **Python** to block access to specified websites; worked seamlessly on all operating systems including **Windows, Linux and Mac**.
- **Bay Area Bike Share Analysis:** Performed data wrangling and exploratory data analysis using **Python** and **Tableau** on bike share data to gain insights on various factors influencing business and customer decision
- **Reverse Market Basket Analysis:** Developed an application to suggest group of products purchased together based on store size, demographics and purchasing trends using **MapReduce, Apriori algorithm** and **Hadoop**.
- **Packet Sniffer Tool:** Developed Packet Sniffer tool using **LAMP** technology to intercept & log network traffic

## RELEVANT COURSE WORK

*Systems Analysis and Design, Data Warehousing, Advanced DBMS, Data Structures, Analysis of Algorithms, Web Development, Database Systems, Business Information Security*

## LEADERSHIP

- Educated and encouraged 50+ students to take up and interest in coding through Hour of Code
- Volunteered at an NGO for 2+ years; organized and led various camps for education, poverty, employment etc.