

# Shoa Khan

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## EDUCATION

<b>Texas A&amp;M University, Mays Business School</b>	College Station, Texas
<i>Master of Science in Management Information Systems - GPA: 3.75 / 4.0</i>	May 2018
<b>Coursework:</b> System Analysis & Design, IS Design & Development, Data Warehousing, Project Management	
<b>Osmania University</b>	Hyderabad, India
<i>Bachelor of Engineering in Information Technology - GPA: 3.5 / 4.0</i>	May 2009
<b>Coursework:</b> Data Structures & Algorithms, Operating Systems, Computer Networks, OOP	

## TECHNICAL SKILLS

<b>Languages:</b> Java, JavaScript, TypeScript, SQL, C++, Shell	<b>Tools:</b> JIRA, Tableau, Visio, Eclipse, SSIS
<b>Web Technologies:</b> HTML5, CSS, Angular 2, jQuery, REST	<b>Frameworks:</b> Spring, Hibernate, Struts2
<b>Databases:</b> DB2, Oracle, SQL Server, MySQL, MongoDB	<b>Version Control:</b> Git, SVN
<b>Methodologies:</b> Agile, Scrum	

## EXPERIENCE

<b>Capgemini</b>	Hyderabad, India
<i>Technical Lead</i>	Apr 2014 – Jul 2016
<ul style="list-style-type: none"><li>• Interfaced with internal &amp; external clients and formulated project strategy, elicited and developed technical &amp; functional requirements, and defined project scope to facilitate timely delivery of tasks</li><li>• Enhanced existing client purge process using dynamic SQL to minimize programming effort for future changes by 30%</li><li>• Ensured traceability of business requirements to technical specifications; ensured any changes in initial scope-post-design, get proper architecture and design assessment</li><li>• Facilitated smooth unit, QA, system testing, UAT; debugged &amp; tracked all tickets to closure for over 5 projects</li><li>• Mentored, trained &amp; tracked progress of entry-level team members to enable their smooth transition into team</li></ul>	
<i>Senior Software Engineer</i>	Apr 2011 – Mar 2014
<ul style="list-style-type: none"><li>• Developed event-based framework in Java SpringMVC to generate confirmation and payment messages in accordance with SOA standards for a high-volume banking eCommerce application</li><li>• Ensured 80% code coverage for a Java project during unit testing through TestNG to eradicate errors due to coding mistakes in further levels of testing</li><li>• Collaborated with cross-functional teams to obtain requirements for agile-based Java project; developed product and performed functional and integration testing to ensure highest quality and conformance</li></ul>	
<i>Software Engineer</i>	Oct 2009 – Mar 2011
<ul style="list-style-type: none"><li>• Developed solution to incorporate new Harmonized sales tax in billing process for personal and business clients; ensured minimal DB changes for future enhancements</li><li>• Refactored existing Java code with OOP design principles; increased reusability by 60%</li><li>• Automated rates and pricing information update on DB2 to mitigate risk and reduce manual effort by 100%</li></ul>	

## ACADEMIC PROJECTS

- **Foodscribe:** Developed responsive e-Commerce web-based food delivery service that helps people search for restaurants online, browse menus, order food and make payment. Used **HTML5, CSS3, Java, MySQL**
- **Bookland:** Developed a complete e-Commerce web application that enables admin to manage inventory and users to view and purchase books online. Used **Angular 2, Spring Boot, Hibernate, MySQL**
- **Twitter Sentiment Analysis:** Developed a Java application to analyze users' emotions for Oscars based on tweets and visualized it using Tableau. Used **Spring Boot, Stanford NLP, Twitter API, Tableau**
- **Amazon Price Tracker:** Developed a web application to analyze fluctuations in price for a user-specified product and notify when price changes. Used **Angular 2, Spring Boot, MySQL**
- **Dominick's Finer Foods Data Warehouse Creation and Reporting:** Developed dimensional model and created independent data marts; Performed ETL and created reports to answer five key business questions