

Saurabh Sanjay Patil

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EDUCATION

Texas A&M University, Mays Business School
Master of Science in Management Information Systems

May 2017
GPA: 3.83 / 4.0

Mumbai University, Veermata Jijabai Technological Institute
Master of Computer Applications

July 2013
GPA: 3.58 / 4.0

Mumbai University, Sathaye College
Bachelor of Science in Information Technology

June 2010
GPA: 3.21 / 4.0

TECHNICAL SKILLS

Programming	Scripting	Database	Web Development	Others
C#, C++, Java	Python, Node.JS	SQL, MongoDB, PostgreSQL, MySQL	HTML, CSS	Bootstrap, IBM Watson, YUI, Lync SDK, Splunk

Tools: SSRS, SSIS, Tableau, Jenkins, Git, SVN, TFS, JIRA, Confluence

EXPERIENCE

Software Engineer Intern | *Applied Predictive Technologies* (Jun'16 – Aug'16) Washington D.C, USA

- Developed 3 new widgets using YUI framework for displaying data usage restriction information to help clients better understand data displayed in the product
- Designed unit tests to implement test case coverage for information processing modules used by widgets
- Created new modules using RazorEngine framework to simplify writing of dynamic SQL queries in C#

Research Assistant | *Texas A&M University* (Apr'16 – Ongoing) Texas, USA

- Developed data analysis modules in collaboration with NIST for Material Data Curation System (MDCS) which processed material data and represented it as various graphs and plots
- Designed machine data capture and schema generation modules to automate data loading process

Software Engineer | *Indus Valley Partners* (May'14 – Jun'15) Mumbai, India

Awards: 'Excellency in Client Satisfaction'

- Reengineered legacy partnership accounting application implemented in .NET with complex internal object nesting and optimized application and ETL modules to achieve a 40% boost in overall performance.
- Developed new web application using Java, D3.js, Selectize.js and Bootstrap.js to provide enhanced user experience and efficient data access for compliance and audit teams
- Led a team of 4 on development of new commercial partnership accounting product using C# and WCF technologies
- Designed 10+ reports in Tableau for quarterly investor reports and management updates

Associate Software Engineer | *Indus Valley Partners* (Jan'13 – Apr'14) Mumbai, India

- Created web services using WCF and REST API for compliance application of multi strategy fund.
- Developed staging application in Python for reducing time required in manipulation of portfolio transaction data
- Implemented 3 new screens and middle layer logic using C# for SEC regulatory forms filing product
- Designed 4 graphical dashboards using Highstock.js for depicting monthly and yearly portfolio trends to senior management

PROJECTS

Twisense (Market Sentiment Analysis using Twitter feeds) (Oct'15) Texas, USA

- Analyzed live twitter feeds to understand market sentiment towards different product by using IBM Watson API

Stock-ly (Stock Predictive Analytics Tool) (Apr'16) Texas, USA

- Developed a tool to suggest buy/sell/hold actions for stocks based on triple exponential smoothing of past stock prices and the current twitter sentiment towards the stock

Alfred (Skype ChatBot) (Jul'16) Washington D.C, USA

- Designed chatbot using Lync Server 2013 API to assist IT team by performing tasks such as automated deployment of branches on demand and extracting on deployment statuses. JIRA boards, Splunk dashboard alerts, etc.