

ROHAN KHADILKAR

ANALYST | DEVELOPER | VISUALIZATION DESIGNER

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EDUCATION

Aug '15 - May '17 | **Master of Science - Information Management** (GPA: 3.8/4.0)
- Focus: Data Analytics & Strategic Management
University of Maryland, USA

Aug '10 - May '14 | **Bachelor of Engineering - Information Technology** (First Class)
University of Pune, India

PROFESSIONAL EXPERIENCE

May '16 - Present | **Software Development Engineer** - Pershing Technologies LLC

- Developing a web application that provides analysis and historical trends of enterprise video teleconference usage.
- Leveraging Splunk to handle machine data, create reports and build visualizations.
- Performing JSON data extraction and manipulation using Splunk's Java and PHP API.
- Designing stunning visualizations with JS libraries (D3, Rickshaw, Highcharts, Zoom-charts, FusionCharts, C3).
- Developing SQL stored procedures for data simulation.

Jan '15 - Jul '15 | **Developer & Analyst Intern** - Altizon Systems Pvt. Ltd.

- Developed a web application that interacts with the API structure of the company's Internet of Things platform.
- Built interactive visualizations using different JS charting libraries.
- Employed a data driven approach using Google Analytics to analyze company's online presence, visibility and SEO. Website hits increased by nearly 15%.
- Worked with digital marketing team to develop social media content and strategies.

Jun '13 - May '14 | **Developer & Analyst Intern** - kPoint Technologies Pvt. Ltd.

- Created a system resource monitoring framework that can monitor key performance metrics from multiple database sources – MySQL and Round Robin database.
- Used the Linux's proc filesystem for data collection and indexing.
- Built an efficient MVC framework with focus on user interactivity.
- Interactive web based dashboards and visualizations were built using HTML, CSS, AngularJS, JavaScript, JQuery and PHP.

Jan '13 - May '13 | **Project Intern** - Muktangan English School

- Developed an online healthcare portal for easy management of health records, focus being on developing an analytics dashboard with report generation facility.
- Developed easy to understand interactive visualizations for a diverse audience of teachers, healthcare professionals and students.

RELEVANT ACADEMIC PROJECTS

Jan '16 - May '16 | **Game of Thrones Script Analysis** (Course - Visual Analytics)

- Using sentiment analysis, identified patterns exhibited by successful TV Series' scripts.
- Smoothing techniques such as Moving Average and Fourier Transform were used to identify trends in data.
- Built interactive Tableau dashboards for visual analysis.

Aug '15 - Dec '15 | **Performance Analysis of Major US Airlines** (Course - Data Analytics)

- Developed R scripts to clean, analyze and visualize data, with a focus on statistical modelling (ANOVA and Regression) and descriptive statistical measures.
- Data pre-processing and manipulation was done in Excel to focus on metrics of interest.

SKILLS

Tools, Technologies & Frameworks

Splunk, Tableau, QlikView, JS charting libraries (D3, Rickshaw, Highcharts and more), Bootstrap, AngularJS, Adobe Creative Suite, SEO

Languages

Java, JavaScript, SQL, C, C++, R, HTML, XML, PHP

Databases

MySQL, SQL Server, Oracle, Round Robin Database

CERTIFICATIONS

Splunk

Searching and Reporting
Advanced Searching and Reporting
Creating Knowledge Objects
Advanced Dashboards and Visualizations

LEADERSHIP ROLES

President - Master of Information Management Student Association
University of Maryland

Student Representative - Master of Information Management Committee
University of Maryland

RELEVANT COURSES

Business Intelligence
Competitive Intelligence
Financial Management
Visual Analytics
Data Analytics
Data Visualization

PUBLICATIONS

Elastic Rapid Provisioning, Multiple Source Monitoring Framework Architecture - IJCA (Aug '14)

LINKEDIN PROFILE

www.linkedin.com/in/rohankhadilkar

ONLINE PORTFOLIO

rohankhadilkar.github.io