

ROHAN KHADILKAR

ANALYST | DEVELOPER | VISUALIZATION DESIGNER

✉ rohan.khadilkar@gmail.com

☎ +1 (240) - 559 - 7247

💻 rohankhadilkar.github.io

EDUCATION

Aug '15 - May '17 | **Master of Science - Information Management**

- *Specialization: Data Analytics*

University of Maryland, USA

Aug '10 - May '14 | **Bachelor of Engineering - Information Technology**

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.
- REST API calls using Ajax and PHP to get raw JSON data from Splunk.
- Designing stunning visualizations using JS libraries (D3, Rickshaw, Highcharts, Zoom-charts, C3).
- Developed SQL stored procedures for data simulation.

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

- Developed a web application that could interact with the API structure of the company's Internet of Things platform.
- 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 to improve company's social media presence.

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

- Created a resource monitoring framework that monitors performance metrics from multiple database sources – MySQL and Round Robin database.
- Developed a predictive model to graph expected metric behavior patterns.
- Incorporated an analytics dashboard with MVC framework.
- Product built using HTML, CSS, AngularJS, JavaScript, JQuery and PHP.

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

- Developed an online healthcare portal for handling analysis and management of all students. Also developed an analytics dashboard with report generation facility.
- Developed easy to understand, interactive visualizations for a diverse audience of teachers, healthcare professionals and students.

RELEVANT PROJECT WORK

Aug '15 - Dec '15 | **Performance Analysis of Major US Carriers**

- Developed R scripts to clean, analyze and visualize data, with a focus on statistical modelling (ANOVA and Regression).
- Provided a detailed reporting of the entire analysis process, from conceptualization to implementation.

Aug '16 - Dec '16 | **Game of Thrones Script Analysis**

- Using sentiment analysis, identified patterns exhibited by successful TV Series' scripts.
- Data normalization and sampling was done to get a better sense of the information.
- Smoothing techniques such as Moving Average and Fourier Transform were used to identify trends in data.

SKILLS

Analytics, BI & Development

Splunk, Tableau, Bootstrap, AngularJS, D3, SEO, WordPress, Adobe Creative Suite

Programming Languages

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

Databases

MySQL, Oracle, Round Robin Database

CERTIFICATIONS

Splunk

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

ACTIVITIES

President - Master of Information Management Student Association
University of Maryland

Student Representative - Master of Information Management Committee
University of Maryland

RELEVANT COURSES

Data Visualization
Data Analytics
Visual Analytics
Business Intelligence
Information Retrieval

PUBLICATIONS

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

LINKEDIN PROFILE

www.linkedin.com/in/rohankhadilkar

ONLINE PORTFOLIO

rohankhadilkar.github.io