

Ayushi Desai

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EDUCATION

Pace University, Seidenberg School of CSIS
Masters of Science, Computer Information System

New York, NY
May 2017

Thakur College of Engineering and Technology (TCET)
Bachelor of Engineering, Information Technology

Mumbai, India
August 2014

TECHNICAL SUMMARY

- 3+ years of experience in software development using **Java, Microsoft Access, R programming, Big Data, Hadoop, HTML**
- 2+ years of experience in utilizing **Atlassian** tools like **JIRA** (project management/testing) and **Bitbucket** (repository).
- 1+ years of hands-on experience writing databases queries using **MySQL, Microsoft Access and Mongo DB**.
- 1+ years of experience in Statistical Analysis using **Matlab, Tabula, R, MySQL, Process Modelling, Process Mapping, Salesforce**.
- 1+ years of experience in Project Management using **SRS and BRD documentation with risk Assessment and GAP analysis**.
- 1+ years of hands-on experience in **data modelling** and creation of **new data reporting models** with **web analytic** tools.

PROFESSIONAL EXPERIENCE

Inovent Ltd

Mumbai, India

Technical Analyst

Aug 2014 – Aug 2015

- Assisted developers to understand the API required to extend the Inovent system and build interfaces for external systems.
- Solved the technical issues with tracking the timeline of technical deliverables, in order to inform customer of progress.
- Work hands on with the system, configuring and testing that it meets the customer's technical requirements.
- Trained users, customer and developers on the basic use of the system, particularly with the technical setup.

Oscar Mobitech

Mumbai, India

Business Analyst

Sept 2013 – Aug 2014

- Translated business problems into analysis requirements and gathers data from multiple sources to complete the analysis
- Contributes to larger multi-phase team analysis projects and studies and performs ad-hoc analytical support.
- Created reports and data visualizations to support analyses that explain business trends and key drivers ("what" and "why")
- Queried data and wrote SQL scripts when necessary to extract customer insights using MySQL workbench and tomcat shell.

VND WEALTH MANAGERS Pvt Ltd

Mumbai, India

Data Analyst

May 2012 – Aug 2013

- Prepared data for exploratory analysis, and intelligent data products and improve our internal dashboard product.
- Collaborated with Data Engineers to develop and implement an ETL system rapidly growing data store.
- Build critical working relationships with the business and users communities through gathering a thorough understanding of the business models and processes employed

ACADEMIC PROJECTS

Eco- Eye Application: [View Project](#)

Dec 2016

- Designed a web- based UX application which motivates the user to defer and plan their electric usage to avoid peak times.
- This app showed an appropriate time to use the electronic devices in the house which will save money as well as energy.
- Implement all the process like card sorting, wire framing, personas, Moscow, Usability testing in order to build the design.

Business Architecture – Distributed Information System

May 2016

- Gathered client's requirements to formulate business plan to solve business problems of moderate scope.
- Implemented new strategic goals in IT architecture to improve knowledge of company products and business processes
- Utilized SAP, SOA, APIs, IDM and JD ERP framework to efficiently prepares data for analysis and to control final deliverables.

Big Data & Information Systems

May 2016

- Deployed a **data breach detection** application for **Big Data repositories** to identify user **HDFS** component authorization.
- Developing platform using **Python** and **MySQL** database to manage the user files (**Integrated in Hadoop**) accessibility rules.
- Matched the data against a rules of access table, and created a line in a report for users that do not match the allowed access criteria in a rules access file.

Student Alcohol Consumption

May 2015

- Analyzed the data set to find the factors influencing student's alcohol consumption in R language in Rstudio.
- Cleaned data and found the key variables for the analysis through different graphs (Descriptive Analysis)
- Built a Predictive Analysis from influencing patterns to identifying social factors and behaviors among students
- Analyzed with different variables and predicted through knn, decision tree analysis of the result and the reason behind the students consuming alcohol. This resulted into 86% of efficiency and for the expected result.