

Aditya Sinha

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EDUCATION

Northwestern University

Master of Science in Information Technology

- Relevant coursework – Machine Learning, Introduction to Statistics and Data Analysis, Financial Management for IT Professionals

Manipal Institute of Technology (MIT)

Bachelor of Technology in Computer Science and Engineering (CGPA 7.14/10)

Dec 2020

Evanston, IL

Jul 2017

Manipal, India

TECHNICAL SKILLS

- Languages
 - Highly proficient: English, Hindi
- Programming Languages
 - Intermediate: C, C++, CSS, Hive, HTML, Java, JavaScript, Python, SQL, VBA
 - Beginner: Impala, R, SAS
- Software / Frameworks
 - Intermediate: Apache Oozie, Cloudera Hadoop, Git, MS Access, MS Office, Tableau

WORK EXPERIENCE

Fractal Analytics

Consultant, Customer Loyalty & Analytics

Jun 2017 – Jul 2019

Mumbai, India

Dedicated FTE support for Client Consulting & Analytics (CEMEA)

- Supported a global financial services corporation in its GTM (Go to Market) and strategic priorities.
- Created scalable solutions across use cases like Authorization Review, Cross Border Usage, Customer Lifecycle Management, Market Basket Analysis and Premium Usage that provided actionable insights resulting in revenue creation for the client.
- Built multinomial logistic regression models and k-means clustering results on SAS required to generate insights.
- Responsible for engaging with client-side Consultants and gather requirements to perform ad-hoc deep dive analysis.
- Received STAR award for “Quick on the block” category for showcasing excellent performance in a short period.

Digitisation of contracts (Europe)

- Designed an automated database system to digitize contracts signed by a global financial services corporation with its clients.
- Performed OCR (Optical Character Recognition) to convert scanned PDF contract images to text documents and extracted required data by deploying supervised machine learning techniques.
- Built a VBA user form which allows automated and scalable entry of any new contract data in the future.

Sapient Consulting

Trainee, Technology

Jan 2017 – May 2017

Bangalore, India

- Constructed two scalable desktop and mobile websites. Front end was designed using HTML, CSS, JavaScript and its frameworks, while back end was built using JSON, MongoDB and Node.js. Information transfer was done using Ajax.

ATOS Syntel

Project Trainee

Jun 2016 – Jul 2016

Mumbai, India

- Demonstrated Cloud Bursting (deployment model in which an application runs in a private cloud and “bursts” into a public cloud) utilizing Pivotal Cloud Foundry and implemented a private PAAS using BOSH-lite on VirtualBox.

ACADEMIC PROJECTS AND PAPERS

Mentor Mentee and Competency Matrix

May 2017

- Constructed 2 scalable websites which act as repository for supervisors’ and employees’ skillsets in the organization. Provided complete UX including responsive design, accessibility and scalability. Website testing was abiding by W3C standards.

Waste Management using Smart Dustbins

Apr 2016

- Authored and presented an IEEE paper on “Waste Management using Smart Dustbins”. Paper proposes use of an Internet of Things based Smart Dustbin. Paper received 2nd place in Paper Presentation event held during IEEE Tech Weekend at MIT Manipal.

EXTRA CURRICULAR ACTIVITIES

Revels (Cultural and Sports festival of MIT)

Social Media Coordinator

Nov 2015 – Mar 2016

Manipal, India

- Managed social media platforms of the fest including Facebook, Instagram, Twitter, Snapchat.
 - Supervised and mentored a group of 30 volunteers to support social media activities.