

EDUCATION

Stevens Institute of Technology, Hoboken, NJ	May 2017
Master of Science in Computer Science (Concentration in Data Science)	GPA: 3.9/4.0
Gujarat Technological University, Ahmedabad, India	June 2012
Bachelors in Computer Engineering	CGPA: 3.2/4.0

WORK EXPERIENCE

EdLab, Teachers College Columbia University, New York, US	January 2017 – May 2017
Software Engineer – (Contributed to an Open-Source project: Elasticsearch Rally)	
<ul style="list-style-type: none">Enhanced search experience using Elasticsearch by providing contextualized and personalized learning resources.Built semantic vector indexes for generating recommended articles using Apache Solr.Developed an API to generate and redirect short URLs for tracking social media campaign using Node and Express.	
Argus Information & Advisory Services, New York, US	June 2016 – August 2016
Data & Application Solutions Intern	
<ul style="list-style-type: none">Evaluated correlations in statistical data, identifying trends, summarizing findings across clients and products.Spearheaded Global Studies Code Repository Application and reduced validation time by 900 minutes per month.Developed proof of concept for In-house application - built to replace Data Transformation Services packages.	
Tata Consultancy Services, Mumbai, India	March 2013 – June 2015
Application Technical Developer	
<ul style="list-style-type: none">Designed and implemented complex integrations for General Electric (GE P&W) enterprise level architecture.Developed parts fulfillment component for the first time in GE history to address major pain point of fulfillment.Initiated and led process improvement ideations generating savings of USD 50,000 annually + 75 minute wait time.	

PERSONAL PROJECTS

Netflix for Education, [Python – Flask – Mongo DB]	March 2016 – Present
<ul style="list-style-type: none">Building a system which provides social navigation course recommendations based on students' assessment of course relevance to their career goals, with an aim to empower student's to reach maximum potential.Incorporating data sources such as YouTube videos, Google Scholar papers to produce broader recommendation.Integrating explicit and implicit feedback provided by community of users to distill collective wisdom to individuals	
Real Time Data Clustering, [R – Shiny – Mongo DB]	December 2015
<ul style="list-style-type: none">Developed a web application to exhibit the real time clustering of data and prediction based on user inputs.Implemented Machine Learning models: K-Means Clustering, Generalized Linear Model	

ACADEMIC PROJECTS – MORE PROJECTS ON [GITHUB](#)

Employee 360 Performance Management System, [Nginx – Node.js – AWS RDS – Docker]	July 2017
<ul style="list-style-type: none">Built a role-based access control RESTful API for evaluating employee performance across the organization.Deployed the system at scale using Docker/Docker Swarm.	
PageRank Algorithm in Hadoop, [Hadoop – Amazon EMR]	December 2016
<ul style="list-style-type: none">Built PageRank algorithm to find the most popular pages in a set of Wikipedia web pages.Implemented Hadoop MapReduce framework to produce an ordered list of article titles, along with their ranks.	

SKILLS

Languages / Stack: Python, Node.js, Express.js, Elasticsearch, Logstash and Kibana (ELK), Nginx, C++, C#, Java
Statistical Modeling Languages: R, SAS, SAS Enterprise Miner
Big Data Ecosystem: Map Reduce, Hadoop, Hive, Apache Spark, Amazon EC2
Databases: Oracle, MongoDB, SQLite, SQL Server
Build Tools / Version Control Systems : Docker, Maven, Jenkins, Kubernetes, SVN, Git
Visualization: Tableau, D3.js, Shiny, ggplot2, Plotly
Certificates: Six Sigma Green Belt Certified, Google Analytics Certified