
EDUCATION**Master of Science in Data Science: (GPA: 3.5/4)**

May 2021

Stevens Institute of Technology, Hoboken, NJ, USA

Bachelor of Engineering in Information Technology: (GPA: 7.4 / 10)

July 2018

VESIT, University of Mumbai, Mumbai, India

TECHNICAL SKILLS**Programming Languages:** Java, Python, Terraform, SQL**Software:** Docker, Kubernetes, MySQL, Apache Ranger, AWS Services**Data Technologies:** Redshift, Git, Apache Spark, MS Excel, Pandas, NumPy, Scikit-learn, keras, Matplotlib**Data Analysis:** Naive Bayes Classifier, Support Vector Machine, Logistic Regression, Random Forest

WORK EXPERIENCE**Nordstrom Inc. Seattle, USA**

June 2022 – Sept 2023

Engineer-1, Big Data Platform

- Added new feature to automate the deletion of users in Apache Ranger to save time from manual deletion
- Developed password rotation process during security breach resulting in smooth recovery of service accounts
- Designed a system to monitor idle resources resulting in reduced AWS non-prod costs per month by 15%
- Collected data using new relic to assign requests and limits to Kubernetes pods to maintain usage compliance per specified standard
- Migrated team's customer facing docs to Developer platform for easy access to multiple customer teams
- Supported customer teams on-call to resolve problems with failing spark jobs to achieve required SLAs

Accenture, Mumbai, India

Oct 2018-Jul 2019

Application Development Associate

- Collaborated with overseas client on daily basis for incorporating client specific changes and solving ad-hoc queries of custom client portal development
- Developed code in an Agile environment to solve defects while maintaining server entities to avoid server crashes which resulted in better availability of pre-production servers for development
- Worked on Java, JSP, SQL, XML technologies pertaining to custom Accenture software and server maintenance

ACADEMIC PROJECTS**Sentiment Analysis Using Python**

Mar 2020-May 2020

- Scraped 200,000 customer reviews from websites such as yelp, amazon, best buy, etc. using Selenium
- Analyzed data reviews to predict sentiment of unknown reviews with an accuracy of 86 percent

Beta Neutral Portfolio Optimization

Sep 2020-Nov 2020

- Constructed a beta neutral model using portfolio optimizer which tells us the number of shares to invest in.
- Executed a simulation on stocks data which returned a profit of 20% on investments made using the model

Smart Waste Management System

Feb 2018-June 2018

- Developed a system to collect the level of trash in various trashcans using Arduino and Raspberry Pi
- Designed a web interface using HTML, CSS, JS, PHP which shows the collected information

Online Mentoring System

Mar 2017-June 2017

- Designed Application for tracking student teacher meetings using HTML, CSS, JS, Bootstrap, PHP, MySQL
- Delivered the system to college to upgrade from paper-based to online system streamlining the tracking

PERSONAL PROJECTS**Smart Thermostat Project**

Nov 2020

- Converted an older mechanical thermostat to a smart thermostat using 'Raspberry pi zero' microcontroller
- Developed a web application to control the thermostat with timer feature
- Saved approximately \$100 on monthly utility bills